

**ENVIRONMENTAL SERVICES UTILITY
BOARD MEETING AGENDA**

Tuesday, February 21st, 2023
5:30PM

- I. Public Comments
- II. Roll Call
- III. Approval of Minutes
- IV. Approval of Bills
- V. Reports
 - A Monthly Activity
 - B Financials *(to be distributed)*
- VI. Old Business
 - A Hydro Update
- VII. Unfinished Business
- VIII. New Business
 - A Network Switches Bid Results and Recommendation to City Council
 - B Recommendation to Accept Low Bid for ESU Parking Lot Improvements
- IX. Executive Session (if necessary)
- X. Adjournment



**ENVIRONMENTAL SERVICES UTILITY
BOARD MEETING
JANUARY 17TH, 2023
SUMMARY OF MINUTES**

The meeting for Kankakee Environmental Services Utility was held on Tuesday, January 17th, 2023 at 5:30 P.M. in the Public Safety Building

ESU Members Present

Mayor Chris Curtis
Clerk Stacy Gall
Ald Carmen Lewis
Ald Mike Prude
Ald Mike O'Brien
Ald Larry Osenga
Ald Danita Swanson
Ald Kelly Johnson
Ald Reginald Jones

Additional Aldermen Present

Ald Lance Marczak
Ald Mike Cobbs

Staff Present

Clara Hall, Tech Ops Mgr
Zach Newton, GIS/Ops Mgr
James Lopez, DPW Ops Mgr
Frank Hasik, Ops Mgr
Ryan McGinnis, Ops Mgr
Elizabeth Kubal, Comptroller

CALL TO ORDER

MAYOR CURTIS:

Good evening everyone. We will to call the Environmental Services Utility Board Meeting to order for Tuesday, January 17th, 2023. We will start with public comments. Any public comments today? Seeing none, we'll move on to Roll Call

ROLL CALL

CLARA HALL: Ald Lewis - Present Ald Swanson – Present
Ald Prude – *(in after roll call)* Ald Johnson - Present
Ald O’Brien – *(walked in during RC)* Ald Jones - *(in after roll call)*
Ald Osenga – Present Clerk Gall – Present
Mayor Curtis - Present
PRESENT: 6 ABSENT: 0

APPROVAL OF MINUTES

MAYOR CURTIS: We do have a quorum? You have in front of you the minutes from the is there a motion to approve the minutes from December 19th, 2022.

ALD OSENGA: So move.

ALD JOHNSON: I will second.

MAYOR CURTIS: We have a motion by Alderman Osenga and a second by Alderwoman Johnson. Is there any questions, comments changes or additions to the minutes Seeing none, roll call.

ROLL CALL

CLARA HALL: Ald Lewis - Aye Ald Swanson – Aye
Ald Prude – *(in after roll call)* Ald Johnson - Aye
Ald O’Brien – Aye Ald Jones - *(in after roll call)*
Ald Osenga – Aye Clerk Gall – Aye
Mayor Curtis - Aye
AYES: 7 IN LATE: 2 ABSENT: 0

APPROVAL OF BILLS

MAYOR CURTIS: Minutes are approved. Next, we're going to go into the bills you should have in front of you the bills from January 17th, 2023 for ESU totaling in the amount of \$608,544.89. Is there a motion to approve the bills?

ALD SWANSON: I'll make that motion.

ALD LEWIS: Second.

MAYOR CURTIS: We have a motion from Alderwoman Swanson and a have a second from Alderwoman Lewis. Is there any questions comments about the bills?

ALD OSENGA: At the very end there were Wentworth Tire Service at a local company. The very last bill.

MAYOR CURTIS: Yeah, I'm looking here. If I remember correctly, the Wentworth I believe those are tires for the.

JAMES LOPEZ: *(Explains...inaudible)*

MAYOR CURTIS: Okay, thank you sir. Any other questions regarding the bills? Hearing none, roll call.

CLARA HALL:

Ald Lewis - Aye	Ald Swanson - Aye
Ald Prude <i>-(in after roll call)</i>	Ald Johnson - Aye
Ald O'Brien - Aye	Ald Jones - Aye
Ald Osenga - Aye	Clerk Gall - Aye <i>(abstain on #32990)</i>

AYES: 7 IN LATE: 1 NAYS: 0

MONTHLY ACTIVITY REPORTS

MAYOR CURTIS: Bills are approved. We'll move on to Item 5A and we'll get into the monthly activity. We'll start with Mr. Lopez. Would you like to give us a report for DPW please?

JAMES LOPEZ: Everything's pretty much in the report. But I want to add that I was looking into renting a forestry machine to do the retention ponds with the overgrowth in the west side. Mainly and some in some overgrown lots but with the weather being so nice. The ground was hard enough for me to get the machinery in there and I didn't want to get it stuck. So, we're waiting till it freezes so we can do the retention ponds and report that Zach's got to do. But that's all.

MAYOR CURTIS: Can give us a quick update you've moved a lot of your equipment for the winter months into we are now into to give everyone an update. If you remember it feels like it's probably well over a year now but we had the Entrance Avenue building that the city of Kankakee owned that has been completed now. They passed all their inspections, they got their occupancy permit and they're occupying it and the portion about 5500 square feet that DPW now has for the next five years if you want to talk about that and how to work it out.

JAMES LOPEZ: So yeah, so we moved all our fall in summer stuff in there, which we have plenty of room we also the fire department has got their trailer in there as well. We have our spare trucks in there to make room at our facility so that we can get our trucks in and out faster and easier during snowstorms and it's pretty nice if anybody wants

a walkthrough. Give me a call. We can make arrangements to show you guys as he did it. They did an outstanding job.

MAYOR CURTIS:

So, we'll get some pictures out there but the before and after renovation of the building is quite spectacular but I notice space that DPW is in is like most of the building but it's nice, it's clean. It's bright, it's warm.

JAMES LOPEZ:

We definitely outgrown the facility out there and so, this makes a lot of room for us. Just to maneuver trucks because we're parking sideways in our buildings but now we can actually get to stuff which is nice.

MAYOR CURTIS:

And that allows our equipment that we don't use in the winter to be make sure it's out of the weather and stored in a good place. So hopefully that'll create an extra year or two life-span on them. So, Alderman Jones?

ALD JONES:

Yes sir. Thanks. I want to be the bearer of bad news. It looks really, really, nice that the bowling alleys gone. However, there's more to do. I believe you the man that knows how to hand the concrete.

MAYOR CURTIS:

Yeah, that's gonna be a project in itself.

JAMES LOPEZ:

The removal of it.

MAYOR CURTIS:

Yeah, that's a whole other thing we have to talk about because it's just not as simple as removing the Asphalt that was sitting at the Avis Huff Motel site. That is concrete. Foundations deep pits, different things are so we've got to get into see what that all means for clearing that out but that's going to take some time. Right now, I think the biggest, at least in my opinion, the biggest thing that we need to look at next is how do we beautify the west wall of the Hispanic grocery store that's there. So that that at least looks good, and then we'll have to figure out going forward. But I think that projects probably a lot bigger than DPW. We're gonna have to probably talk to somebody, a contractor about how we remove some of that stuff. That's my opinion, but I haven't even talked to DPW about that. Yeah, because that's a much harder thing.

ALD JONES:

Okay, Thanks Mayor.

ALD OSENGA:

Mayor, I got a walk-through of the new facility we have over there. It's, it's very nice. Everybody should walk through it. PSI did a great job. there. We had quite an eyesore in the 5th Ward. They've

totally redone it and I don't know 1.2/\$1.5 million. They do a phenomenal job there. Now. It's a big improvement, our community.

MAYOR CURTIS:

Is there any other questions for Mr. Lopez?

ALD MARCZAK:

Where are the retention ponds?

JAMES LOPEZ:

The retention ponds are on the west side of Gracefield on Roosevelt. The reservoir dead ends and there's also one on the dead end of Yates. There's some out in the new subdivision, in our Indian Meadows. And then we have overgrown lots in the seventh Ward on Moore Street. That this machine, we rent a tiger, but this is an actual like mulcher where it's on a skid steer, it comes up in mulches and leaves it mulched instead of a stomp. So, our machines can get in there. Our goal is to make it so that our lawn mowers can get in there and just mow.

MAYOR CURTIS:

Any other questions. Thank you. Next, we will move on to Technical Services report. Miss Hall, would you like to lead us?

CLARA HALL:

Good evening. Thank you. I just wanted to address a couple of questions that the Aldermen have had, I wasn't here at the last meeting, so I did make contact with Alderman Osenga regarding his concerns at the intersections. Those are all state projects. We have no control over them. But once they are completed, then we'll be able to maintain them. So, at Court/Station, Court/Wall, Court/Curtis, and Court/Kennedy. They're installing audio, pedestrian buttons and cameras. So as soon as that project is over we will be able to maintain them. On Christmas Eve there was a couple of accidents. The main accident was the cabinet on Harrison and Chestnut. However, that driver did have insurance so we will be able to bill the insurance company for that cabinet. It will be over \$22K. We also had a streetlight pole knocked down on Route 50/Fair Street that same weekend. It was a really busy weekend, when that cold weather came in. Alderman Jones, I did get your message today. On the 500 block of Fairmont those are Com Ed Poles and I will see if I can expedite those. Alderwoman Swanson, I'm just going down the list. The meeting in November you were asking about that line item that's 138% I believe is Technical Maintenance. There is something in that line item that I spoke to Elizabeth's department about. We're going to reclassify about \$3,000 of that. It wasn't anything from ARPA, it as the sirens Historically, there were different account numbers used for that item over the last six years. So, we are going to put it in contractual services. I spoke to the Mayor about that today. The

Depot cables are still up from the roof project. I have made a second request to have those removed. Com Ed is asking for patience. They have been extremely busy. He hopes to have that down this week. And last but not least, I want to say a special thank you to Zach that will never say anything but I know I bugged him a lot this year about the Christmas decorations. They're a special group of people to work with. When I get an idea's they get behind me and I appreciate that. So, thank you to Zach, the Sewer Crew, Kyle, Eric and especially Jim Hand. And that's all I have.

MAYOR CURTIS:

Are there any questions. First of all, I will say that they're already thinking about Christmas decorations for next year. It's hard to hard to believe that but now's the time to start looking at purchasing and they've already done some that because you've got your severely discounted cost rate after the holiday season and the goal is we talked about before and I did relate this morning. We hopefully within partnership with KDC will continue to buy more street lighting, let's say Street Lighting, Street Christmas decorations. The ultimate goal is to get them basically from the River on the south end to Schuyler all the way up to the railroad tracks in the north and the Schuyler and eventually we'll call it whether it's Fifth Avenue or Kennedy to the west on Court Street all the way to I-57 on the East Side. So that's going to take us several years. We can't purchase all lights at one time with the budget but if we can each year pick up another 20 or 25 along the line. We'll continue doing that process and hopefully the goal is maybe wake up in 25 or 26 somewhere and have those two main thoroughfares completely decorated when you get off the interstate or anywhere that you're through town. So, we'd like to continue to go west all the way to at some point in neutral in that way to do so. Alderman Jones?

ALD JONES:

How much are the snowflakes?

MAYOR CURTIS:

You probably know that better...

CLARA HALL:

So, the 5ft snowflakes that we just odered, they were \$409.00 each and that was a special price. So, it accumulates a large balance really fast.

Mayor Curtis:

This year we purchased approximately I'm going to say a just a little bit over 25 - \$26,000 in lights but we're sharing that cost with Kankakee Development Corporation So this series is about \$13,000 cost along with Kankakee Corporation. When we get to other areas along Court Street, it's gonna be kind on us and we can look at maybe the East Side Business Councils and things there,

but KDC can only allocate funds within their downtown area, that's almost all decorated there. There might be a few more they can do but we want to reach out to some other areas.

CLARA HALL: Thank you

MAYOR CURTIS: Thank you. Next, we will go into Sewer Services. Zach, If you'd like to lead us through that?

ZACH NEWTON: December was another really good month for proactive area planning. Almost six and a half miles done. I also would like to call your attention to Stonestreet H2S chart. We've been able to put together a compilation of March through December and the H2S at Stone Street for the past couple of months. It's been really good. So, I hope that trend continues but you can see how it's been ups and downs for the better part of the year.

MAYOR CURTIS: If we can stand that just a second for everyone who doesn't know what the H2S because can you explain to basically it's basically a gas correct

ZACH NEWTON: Hydrogen Sulfide correct me if I misspeak but yeah, I just decided to gas. It's corrosive in large amounts it can be harmful.

MAYOR CURTIS: So, we get really concerned because it seems to be doing anything that's metal, it seems to corrode a lot quicker. And then even from the service of personnel having to go in there and do work. They can't get in there when the levels are high. It's too dangerous for them so, that's a really try to monitor that with some local industries of keeping those levels well below what they should eat just for the general overall maintenance of Stone Street and for the safety and protection of the workers that are so

ZACH NEWTON: Yeah, that's what the red lines are on the on the chart. The lower red line is five parts per million. That's when the scrubber turns on to clean the air, and the red line at 10 parts per million is when it's unsafe for us to enter into the wet well. So, when it gets above that, then we'll go down.

MAYOR CURTIS: Alderwoman Johnson had a question?

ALD JOHNSON: So, when it is; that when it smells?

ZACH NEWTON: Yes.

MAYOR CURTIS:

So, between Zach, Ryan, Mr. Struthers from KARMA, some other people they're all working together with the industries to try to figure out a solution. As I said it's been down a little bit but we need to make sure that stays down at that level not just every so often but consistently going forward. So, they're working diligently to try and solve that answer.

ZACH NEWTON:

So, we continue to work towards that goal. Switching gears, a little bit to the hydro. The monthly reports to the EIA have been filed. Some of the yearly reporting is now open. So, our EA 860 that we have to do every year that's been reported. Some of the some of the reports that we have to do as far as dam safety, like the dam safety surveillance monitoring program that has been turned in and the pre-licensing for the hydro license, we're working on that now. That is very close to being done. That kind of kick starts the hydro licensing process. So, from there, it'll be a six to eight-year process and we'll go through what FERC tells us that they would like to see from us as far as studies and public meetings and how that goes as far as licensing the hydro. The I&I televising and cleaning is done in Riverview and we've got some good data. Joe's got a presentation on that later. Building Maintenance has mostly been focused on salt shed and DPW. But I think there's only one and I think it's a real good thing that gives us an in-house talent to help out departments. I appreciate the help that they give us. And the last thing I'd like to draw your attention to is a couple of pictures on the last page of the report. Just want to reiterate, you know why we go out and we televise sewer halls. You know, we get a sewer call from residents we go out and we can see it's not our main line. We put a camera in there anyway because if we're lucky we can see routes or whatever it is that might be blocking the lateral right at the end. So, residents they call a plumber right up the line. More often than not, they push those routes into our main line. And if we just leave them be then that becomes a problem for us because it will just continue to collect debris until it backs up our mainline. So that's why we do what we do.

MAYOR CURTIS:

Zach, what's the picture on the bottom with all the roots? Where's that?

ZACH NEWTON:

That was on Industrial?

MAYOR CURTIS:

So that's what came out of the sewer line.

ZACH NEWTON:

That's what came out of the resident's lateral and into our main line.

MAYOR CURTIS: Any questions for Zach?

ALD OSENGA: When a router company push this out into our main line, do they have any responsibility here.

ZACH NEWTON: I mean it's just something that they got it you know, I mean, I don't think that they're not trying to do it on purpose. If they can grind it up into smaller pieces, great. But a lot of times, you know it just those, those augers catch the roots and just rip them you know, just is what it is.

ALD OSENGA: Okay, thank you.

MAYOR CURTIS: Any other questions? Zach, if you need to take off that's fine. So right, next we will move on to Lab Services report.

RYAN MCGINNIS: Thank you, Mayor. Just a few updates. The ICP is up and going. Everything's running along with that we are seeing some speed and efficiency improvements with that. So that's very good. The Lab truck we were able to finally receive that. So, there was a few delays in that but we're training so we're really happy with it. So, I appreciate you bringing that change there. As mayor and Zach could said we are working on that H2S issue trying to get that solves that. Hopefully that corner doesn't small and we're not continually damaging our infrastructure. Nonetheless, last thing I want to update you on was CSL. CSL has completed their last stage of their wastewater improvements that they were making. So, what that means for us financially is that we will see less income from their surcharge amounts. What I'm seeing so far is that their flows are up from what they were last year. So, they kind of offset in some ways, so love to see how that plays out as they continue to work with these improvements. But as of now they're maintaining still somewhere around the same level of income.

MAYOR CURTIS: You said the BOD's and some of the or things are down but because the flow is up that's kind of balancing it out a little bit.

RYAN MCGINNIS: Yeah, so, we're receiving less revenue from the BOD side of the equation, but because their flows are up, we're able to charge for that. So, the kind of offsetting, I think this month was about \$40,000 less in terms of surcharge value that we got from that and their ammonia levels are down to nearly nothing, which is a good thing for KARMA. But that means we're not able to charge for that. So, there's some offsetting there but like I said they're flows are up from where they were traditionally. So those revenues kind of offset that.

MAYOR CURTIS:

We will have to look at that very closely as we go into budgeting year. As I said, it's, it's a good thing overall. Karma needs the pretreatment from large facilities like that when they do that so they don't send us heavy. We'll call it the wastewater down there. But obviously, it can potentially affect us financially, which it's a good thing overall, we just have to analyze what it means to assign a level and we'll do that with control a curveball. And Ryan as we start working on the budget for 23/24. So, any questions for Ryan? Thank you. Okay, next we're going to move into Financials. That's okay. Did anyone not yet financial report like I tried to pass I'm gonna at this time I'm gonna turn it over to Comptroller Kubal and if you can lead us through the financials.

FINANCIAL REPORT

ELIZABETH KUBAL:

Financials for November 31st, 2022. Just like when we talked about last week, if budget were at the eight-month point, which is approximately 66.6% If everything was spent equally, which very rarely happens. As you go down through the line items, you can see that the same trends are trending and overtime in general in the ESU for the month of December was very kind to us. As we know we had some weather at the beginning. But then that kind of trickled off and we know we are in some pattern I think of I don't remember how many days I just heard the meteorologist say how many days it is that we've been above temperatures. And since really, the end of December. I think that's when that started. So, we're starting to see some of that trickle through especially into January. When we see those numbers next month. As you go down, I have really nothing to report for the for the whole first department of 10. We are working this week. I'm hoping to make phone calls to some of the managers within the ESU to talk about administration. Charges I am digging in again as I'm trying to bring the Assistant Comptroller up to speed as she is new and trying to learn and I've been studying some bills and there's just some things that I want to make sure we're all on the same page. I'm especially as we get ready to go into budgets. So that's what I'll be talking about with the managers and getting us all on the same page and making sure that I understand what gets charged there. And those are the things that go into this category. As you go to the end. Right now, we're just at 50% which means we're under budget, which is very good. Going into the sewer services group is 20 they're at 61.4%. They have a couple of line items that are on the little bit of higher side, but then they have many, many items that are well below where we're supposed to be at this time of year. So, like I said, as we have our meetings and along with the

Assistant Comptroller, we will all be very clear on what goes into all those line items and making sure that we really put forth a really solid budget when it comes to that time. Waste Water at the bottom the page of course is right on track as we pay that monthly to KARMA. Top of page two Technical Services 62.3% Many of their line items are perfectly in in the realm of where they're supposed to be a little high on some salaries. Once again, we'll take some analysis to that come budget here in the next couple of weeks. 40 a Laboratory Services the department toward the bottom at 58.6% trending very well. And the last one is of course the bond amortization which is done monthly so we'll be perfectly timely at 66.7%. Going to the top of page three, the Public Works group. We've got that total overall 62.8% really, really pleased where we're at so far. If weather continues to hold as I like to call them the pennies from heaven if they stay away. That will help us overall with the budget of course, but we'll take that as it comes. I'm really excited to already been working on budget. I know they have been in DPW and we're going to be getting together here soon. Myself and all the managers but just really excited about this budget season coming up when you go into revenues. Ryan alluded that we're going to begin to start watching not only CSL but some other clients of ours very closely for this upcoming year. I do believe that we will be forecasting a lower revenue as Ryan alluded to, and we will have to really understand the budget very closely this year. I think it's gonna be really important that we get those numbers spot on. We know that insurances go up, we know that salaries go up per union contracts, and we're going to have to really make sure that we have each of those line items, some of those ones that say 20 or 30%. We're going to be taking a hard look at you know, is this budgeted correctly. Did we over budget here? You know, what was the intention here? Was there a project that was delayed? We're going to have a lot of questions on these line items going forward to make sure that we can then find the expenses to offset the revenues that I do believe we'll be down for fiscal 24. But as of fiscal 23, we are trending very, very well right now, you can see that the first three columns are first three, line items of our residential sewer, industrial and solid waste fees are some are a little bit higher. Some are just pretty close to on par for the month because there is a month lag there. This is Assistant Comptroller and I have been looking she's been working so hard and getting the AR balance to perfection to figure out where that that amount really is right now. And along with that then we do have some injuries we still have to tweak in this area. But we are getting very, very close and looking forward to that coming to completion. But right now, through when we saw the numbers in industrial it's still very, very, strong as of as of right now. You can

see the total revenues at 67.9%. We will return to the cash balances on the statement in the month of February. There have not been a lot of changes, but we need to get the capital balance trued up. I'm working with Tammy on that for my office so we can do that. And that along with that then we will be doing to get in the right place for April 30. Whatever capital transfer needs to happen from the operating to the capital account. We always do that about twice a year. We need to make sure we get that trued up. any questions?
Alderman Jones?

ALD JONES: I'm looking at the vehicle maintenance repair.

ELIZABETH KUBAL: Which department?

ALD JONES: That will be 572. Do we have something major?

ELIZABETH KUBAL: In public works?

ALD JONES: Right, well, I'm seeing the maintenance repair. We did some that we need to we are at three I'm just trying to see.

JAMES LOPEZ: Our vehicles are a lot older (*inaudible*).

ALD JONES: We might need to start looking at that.

JAMES LOPEZ: They're older they take may take a little more, more money to keep rolling.

ALD JONES: I get it but that's what I'm wondering. Is it something that we need to look at it maybe updating the fleet

MAYOR CURTIS: I will say yeah, so they have they have talked to us. This was something even the predecessors. Mr. Dear, Mr. Doyle did express that. A lot of these vehicles are 10,15,20 years old to a lot like our police in the fire, and they have been requesting capital for them. So, there are some things where there isn't capital lists here, the dump bodies that are on order they take a while to get they'll get the actual vehicles themselves. They are older and are taking a lot of loving intending care and we're trying to figure out how to get some things through ESU capital on that. They did buy a used vehicle, I think from the county. Probably, you know, here to try to instead of buying brand new but again that comes with being older and needing some repairs to that fine line that we're trying to deal with right now. There's a lot of what I call things that we run through issue capital that need attention. So, the depot roof couple \$100,000 Because we were leaking, quite frankly, not to be very

happy worth ESU is sitting as of today, but I'm really concerned for the future. We have a lot of what I call projects that need to be addressed that are exciting. They're not sexy. The public doesn't think much of them but we're going to hear about it tonight. We have our sewer lines which no one sees sewer lines as long as your toilet flushes, you're happy. But there's a lot of repair that needs to be done under the ground. All the fire station roofs are aging out. They haven't been redone, you know, reformed last 2025 years. All those are some that are worse than others. Quite frankly, the roof on this building here was done in 2008. And we've got some issues that are already starting to happen at this facility here. Willow street where we do record storage rough there sealcoating, the parking lots a lot of stuff that I call his routine maintenance that we need to be doing so often and coming up with a capital plan and so that's one thing we're working on is trying to come up with a five and 10-year capital plan. How do we do all these things and as well as things that we have to spend some money on as a city. But as Alderman, it's not really exciting and go to your constituents and sit there and say hey, look what we did. We spent \$800,000 on roofs and they go really, they don't think of it that way. But those are things that we really have to address including DPW equipment. So, we are looking at hard at that and we're going to have to start looking at how we do one at a time. Vehicles, new \$200,000. So, a dump truck isn't cheap. Fire trucks are expensive. So, our dump trucks, they're just they're expensive too. So, but yes, there's always something we're addressing, but I don't know we have a solution yet. Any other questions?

OLD BUSINESS

MAYOR CURTIS:

Okay. All right, we will move on to old business and that is we have under the hydro plan. I want to give a little bit more of a thorough update where we're at. I brought this tonight. I guess this starts to get to be a little bit exciting stuff where we're starting to get the reports. So, Zach is working very diligently on this. The first report that they did was basically what Zack talked about earlier to the hydroelectric project dam safety inspection report which is this. I asked him to reduce it to this, which was a lot easier. And this is the first piece that comes in and this is what we're gonna need to get all these estimates so we can figure out how to fix the hydro dam with a total overall project cost. The state report is being recommended that we need to fix this these things within the next two years. Budgetary on this line item is about \$250,000 So this has to do with a lot of things that are outside the hydroponic and retaining walls, the down surface and downstream and some other things so that has come in. We also did receive the

underwater inspection report. This is when they put the scuba divers out there and started researching everything underwater. I don't have a number yet they're working on that but I will say overall found very little wrong with underwater. A couple little things but nothing will call major substance so that's good news. And then as that mentioned, we hope for them. I'm gonna say 60 days but can be as soon as 30 days. We expect to get the overall evaluation of the entire hydro plant and then an engineer's estimate that we can put together with trying to understand what the overall project cost would be for the hydro plant timeline. We are chasing some grants we're trying to figure out if there's a way we can get some grant funding for this. I did meet with Senator Joyce this morning and he's continuing to try to work some projects with green initiatives to see if we can get water thrown in there with wind and solar but it's like everybody, everybody wants some money. So, but he's working on that and we'll just keep looking at every angle that we can to get the hydro plant back up and running. So ultimate goal. Ideally, I'd love to sit there and say that hopefully by maybe summer or something we could go out for bid. Maybe go off a bit sooner starts in construction and expect at 12-18 months that we could have the hydro plant up and running again. Ideally, wait 24 maybe 25. That sounds like a long way off. But really two years is a much for a large project like that. We're also understanding in talking to Zach today, there's a question of even we'll call it the turbines or the screw pumps there and stuff. There's new technology out there of how that should be we're not even so sure we want to use the ones that are there now. It's like anything a computer 25 years ago, was pretty sophisticated. It's now a doorway. If you use a five-year old computer, hydro technology has changed even how they suck up. The water and draw it in and everything that there's new, new technology, it lasts longer than everything. So that's part of the analysis that they're doing now that may just be a lot of replacement parts on it to make sure it lasts in our 25 to 30 years going forward. So that's kind of the update is coming in. It seems like it's taking a while but the reports are starting to come in now. Anyone has any questions on Hydro?

NEW BUSINESS

MAYOR CURSTIS:

We will move into new business. We're gonna start with a presentation. We have Mr. Joe Sullivan from Robinson come up just to give everybody a little background I mean get other way so he can report. If you remember we did the manhole inspections last summer. They came up and found the engineers estimate was \$700k they thought we went out for bid came in about somewhere around \$648k or \$650,000k to do all the repairs. What they

thought were the most important manhole inspections. Some of that work didn't take place here in the fall. It's on a pause right now is we're in the winter months and that'll start back up again in the spring I believe correct? So that we did allocate ARPA money for the manhole inspections. They have now completed the second part which is the sewer. We'll call it sewer learning or the sewer inspections or sewer line inspections. And I'm gonna have Mr. Sullivan show you some what I think is good and very interesting videos and then I sat there and said why I was excited to see the videos and it lets us know what's going on underneath and my head started spinning. I don't know I want to see these videos because it told me that we have a lot of issues underneath our roads that we need to address quickly. So, I'm gonna let him give an inspection report.

JOE SULLIVAN:

Thanks for having me here tonight. Is it okay if we lower the lights down a little bit up here to? Okay, can everyone see okay all right. So, as the Mayor had mentioned, this is a status update of the Kankakee sewer investigation and rehabilitation program, lower Riverview it also includes Hillcrest, we started this program last March. So, this is going out about 10 months of work that we're kind of given an update on the program. So, we had our kickoff meeting as the Mayor mentioned the manhole inspections are 100% completed. We did do a CC cleaning and televising bid package. We went out for bids with that. We bid all that work out the CC TV portion is actually about 95 closer to 100%. Done. We're just working through the final details on that. The manhole rehab. We did the bid package. They did start some of the work this past fall. And then we're going to talk a little bit about the sewer lining, which is part of the program as well. So, this is a manhole it's a little bit hard to see up here but there's some there's some roots that are coming into the manhole walls here. There are some leaks that you see up here some leaks coming in along that joint. This is what the manhole looks like afterward. A cementitious coating was applied. So, it's a structural liner for that manhole. This was one of the first 16 they did this past fall the work will again resume probably in March or April. The cleaning and televising as I mentioned is 95% Complete debt 79,000 feet of sewer video that was televised and reviewed. We reviewed the fifth the contractors fifth invoice this past week, roughly 218,000 Out of the 223,000 overall bid amount. There was one punch list item last week that they addressed. There was some debris that washed downstream of the project area. They came back out they got all that debris out. They're televise it at no additional charge so it was a it was a good item dress for the city. So, our reviewers who reviewed the 79,000 feet of video had kind of a lining priority

recommendation in mind. So, lining has become the industry standard for rehabilitating a pipe. You don't have to dig them up you can put this liner through it gives you 50 to 100 years more design life to your sewer system. We also will talk about some of the gushers which are severe infiltration and inflow water getting into the sewer and then some of the collapses which will need to be dug up. So, this is a sewer video. This is under the railroad just southwest of the cemetery off of Court Street and you see there's water just gushing in. At that joint. This is a ductile iron pipe. And the joints are only every 20 feet so you could see that that amount of water coming in there is that's just driving up the costs at KARMA for your wastewater treatment. So that's clean water, rainwater groundwater, that's going into the sewer. This would be a good candidate for lining. That yeah, that's deep enough. That's probably 2530 foot deep out there. So that's groundwater that's happening 365 days out of the year. This is over on Gordon Avenue. He could see the pipe has just completely collapsed. There's not a lot of houses upstream of this point. So, there's not a lot of flow that would be backing up and causing sewage into people's basements or basement backup or a sewage overflow. But it is something that has to be addressed because eventually this will lead to a sinkhole and a bus could be driving down the street and boom just the hole would open up right underneath the pavement. I could give you an exact location This will have to be dug up. Yeah, that that's pinpointed right here. I can't see the cross street in this little view. It's a little bit cut off but that would be one that would have to be dug up. You can't you can't get a liner through something that's completely collapsed. This next one is located at I'm Cobb Boulevard. This is coming right out of the water treatment plant from Aqua. So that service that you see there could be an old service from the plant that was abandoned. The amount of flow is not even coming through the pipe. It's coming from around the pipe. I would suspect this is possibly a water main that's leaking they have some large Oh, that's the that's the robotic voice that the TV camera operator uses to code the defects you can see it's even leaking from the hairline crack. There's just so much water pressure that it's just pouring in. Nonstop and again, this this leak is 365 days a year. So, the three lakes I'm showing you tonight probably at an easy would be 300 gallons per minute you add that up over the course of 12 months. That's you know that's a significant amount that you're paying for it at KARMA. My assessment is that it could be a water main leak and it just never surfaces. You know, most water mains when they break there's a big you know, a burst and you see coming up through the ground but if you have a sewer that's able to take it it'll never surface. Um, it is very close to the river to I mean, everyone who knows the

Kankakee River is right here on the other side of the water plant so it could just be high groundwater as well. But that would be something that would be on a pretty you know emergency repair list to get that one taken care of. This next one is pretty similar. This is this sewer line. Here you should see there's two arrows pointing to the two gushers. This is located under a creek on just south of Eagle Street. So, this is also right adjacent to the Kankakee River. This this one again, is probably flowing like this 365-days out of the year. It looks it looks to me like this was potentially a manhole and then maybe during the construction of the sewer line they decided we're not putting a manhole here and they just put a patch over the pipe so that whenever the creek flowing over the sewer just constantly coming into the sewer so those were a few of the highlights. There's actually there's more of them throughout the area but I didn't want to take up too much time tonight. We did as we were reviewing the 80,000 roughly feet of video we came up with recommendations high medium and low priorities for lighting. As I mentioned the lighting will reduce the I&I engineer sewer but it also provides that structural integrity the structural repair that can give you a 50 to 100 years more of design life because we found so much in these areas, we are probably recommending a multi-year program to address this. So, I'll go through a couple of the different cost options. So, Option A is just addressing all the gushers or those major inflow infiltration sources that we saw all the collapses and then sheet one out of eight so we TV, eight sheets that made up the 80,000 feet of sewer so roughly 10,000 feet of sewer per sheet and to give her an idea that she a right there. That's Hillcrest. So, all these sewer lines running north and south that are blue, they're either already been lined or there's some been some repairs and they've been replaced with PVC, the sewer lines in red that we're talking about are these ones out on the periphery. There's an orange one down here, but that would take care of all of Hillcrest plus all those other gushers under the railroad down on Cobb Street and the other locations on Gordon that we talked about. So that's Option A that puts the engineers estimate is roughly \$550,000. I know we're talking about possibly using \$600,000 of the ARPA money to take care of some of these priority deficiencies. So that was Option A that we put together for that. Option B is looking at all the fours and fives and naturally, you're well on here but there's a legend so all fours and fives are in the dark orange and the red. Anywhere you see on the back. All these lines are dark orange or red. So, there's a lot of fours and fives that need to be addressed. Option B is just addressing the five so just the worst of the worst, the gushers and the point repairs that collapses that comes out to about \$3.2 million. Option C addresses all the fours and the five so that you know that really worst tear of

the defects. All the point repairs, all the gushers all the collapses that comes out to about \$4.7 million. I know that's not feasible with the \$600,000 for ARPA that we're talking about allocating but I did put together this slide which is kind of a summary of below in low interest loan from the APA state revolving funds. So, to go for a \$5 million loan first of all, it's only eligible for sewer and water projects to go for a \$5 million loan. The city of Kankakee would be eligible for a 30-year loan because their population is under 25,000 and the median household income is roughly 55% of the state average. Additionally, there would be a \$1.25 million forgiveness for being a disadvantaged community. So that going for a \$5 million loan you could get \$1.25 million knocked off of that right off the bat. In first a conventional or traditional bond at 4%. You would see a savings of roughly 3.9 million over the life of that 30-year loan. So that's something that talked about something for you guys to consider there is roughly \$5 million worth of repairs that we've identified. This would be a good route to go a lot of communities do choose to go this route. There's a lot of young staff at our office that are specialists on these loan packages. I'm not sure. So, if we were to move forward with Option A, which is the \$550 to \$600,000 range option, we do have a list of proposed bid dates. So, we're pretty much at the 60-75% mark with the lining design package. We could be ready to bid, you know advertisements to the clerk as soon as February 6 Bid advertisement date of February 9. bid opening on February 23, with recommendation to award the following day ESU March 20 and council award on April 3rd, so that's kind of our tentative project plan. Well, that's a great segue. I'm actually going to get to that with a little bit of discussion on flow monitoring. So, the answer is yes, there's more areas like that in the city. The short of it is we don't know which areas are the worst. So, I'm actually going to talk about flow monitoring to really address that point. So, flow monitoring. You guys talked a little bit about stone Street in the H2S there. There is actually a permanent flow monitor at Stone Street as well. I think it takes up roughly 60% of the system, maybe 70% of the system. The city did actually purchase three portable flow meters. That we're using right now in the lower river view area over and over in Hillcrest. So, we've talked about the basins before we basically chose lower river view and Hillcrest they were two basins was roughly 1/7 of the city. But the point is we got Stonestreet working. This meter was installed in 2014. It wasn't operational when we first looked at it we put in a new touchpad interface last week so that anybody on the sewer crew can go out there. It's working, download the data. We did have to pull meter one which was one of the portable meters last week for some clue some cleaning that was the punch list item I mentioned.

So, with those four flow meters that you already own that are in place, this is a system map that I put together, it's basically showing 14 different flow meter basins based in 6th and 13th. This is lower river view and in orange space and 613 encompasses Hillcrest and some of the areas near the country club, but like I said that's 1/7 of the city by adding 10 additional flow meters you could put a flow meter at each one of these sewer basin outlets and really measure the flows during the spring wet weather and see which areas are contributing as much I&I as six and 13 as lower river view and where is the next need to go? Where's the need most? Where do you want to go next? I know Zach and some staff believe that the Garr Creek area has a lot of I&I coming in but it could be, you know this basin over to the west or it could be up to the northeast, you don't know until you put a flow meter in and measure it. We're actually put together a budgetary price of about 75,000 to put 10 additional flow meters in for a 90-day monitoring period. Look at what weather look at dry weather, and basically help to dictate the five-year tenure program on your I&I reduction plan and where do you want to go next? So, here's just a schedule of milestone dates. The CIPP real rehabilitation bid that I mentioned, we're looking at possibly doing that February 23 award of that CIPP project at ESU March 20. Council approval on April 3, system wide flow monitoring now's the time to decide on that if you made a decision by February 20th. approval at March 6th, we could be ready to go by April 1st to put those additional 10 flow meters in and measure the flow from the whole city. Yes, you can move those around and that's the plan to measure flows. Actually, the show reduction in flow so as the three flow meters that are installed in lower river view in Hillcrest as the work the construction work is being done, you're going to be able to see the flows coming down. And actually, that's a quantifiable reduction that you can then equate to dollars saved at the karma plant. So yes, you can put those three meters in all those 14 locations but you can't capture the whole city at the same time. And a lot of the flow monitoring, analysis comes in when you're comparing apples to apples. So, you're comparing each base into that same storm. You know, if you get a storm in June, it's a lot different than a storm in February. You know there's higher ground water it's been raining all week in February that the water is not evaporating out of the ground right now. So, if you get a big one and drain now, it's going to have a more significant impact than if you had something in August where it's been you know drought and hot for the last 20 days. (inaudible) that's for lower river view and Hillcrest so just the basins the 80,000 feet that was televised this year. Really no idea why you could project it, but that would just be a projection. So, we Yeah, the whole city has not been televised.

MAYOR CURTIS:

So that's about one seven for the city. Yeah. So, I mean, we're not saying that. We're assuming that the area that we started with is the worst because it's by the river. It's also the oldest sewer lines in the city. So, we expect that that's the worst, the worst, but we don't know. I mean, on worst case scenario, you'd say seven times millions. To do the entire city, you would hope that that'd be the worst and maybe some of the other basins which are smaller and everything wouldn't be anywhere near that maybe they'd be 2 million intersection or maybe 1.5 intersection or four intersection but we don't know. I mean, the reality is as I said, it's pretty interesting stuff as he showed you just three of the gushers or several more. It was very interesting video to watch. And then as I sat there, watched in my head started spinning of oh my gosh, how do you repair this and then I go back to what we talked about earlier is it's not sexy. You go to your constituents and say, well, we spent 4.7 million and they go on what? My toilet flushes fire, my sewer goes away, but then you sit there and go, we just provided 50 to 100 years. Life to the city sewer system. Something that hopefully our grandkids won't worry about someday. My thought is kind of waiting to be under new business. Is we talked about we allocated \$600,000 of our money for the manhole repairs. We've also talked about for last summer about another 600,000. Here's my thought was this. We could look at the loans. We can look at the overall but I think that's gonna take some discussion that's gonna take some budget work. That's something that we have to continue to talk about. But as you saw with gushers as I saw those, you almost have to fix those. How do we not fix those right away? We're watching we have video evidence of how much water's coming into the system. So, the thought was is I asked Mr. Sullivan solving if you work out what it would take to fix if your shares the collapse line was over often Gordon that has to be dug up and then also fixing Hillcrest area we're just again taking a small piece of the elephants when you try to fix it. Those red lines are fixed that I think that engineers estimate is about \$550K. So, my call was is at the very least, and then we've gotten to somewhere we've got a quart portable flow meter threat we'll be able to be we're taking readings right now is that he has been taking readings and seeing spikes while you're reading them and will be able to see what those repairs those just on the Russians level. They've identified all our lines in that area. These are the worst of the worst. There might be some small cracks and stuff coming in. But this is the worst of the worst. Can we eliminate 4000 gallons a day with this whatsoever? I put on the agenda, a recommendation for requests for \$600,000 to be sent to the committee for next Monday to talk about ARPA funding for that

like we did before and then what darker videos. Can you hold aside that and then take that that's why I had to back up some of the timeline. Yeah. If ESU recommends it to the committee of whole we take it to the committee a whole if they recommended out to whole city council will take it the full city council in March as we go through the thought process was the last piece is do we want to do the flow monitoring? As I said that it's a big number. It's 70K kind of caught me off guard a little bit to be quite frank, I even wondered who would be buying some of these flow monitors and doing stuff but the thought was is that 550K and 70K You know, can they you know, are we going 606 25 and getting this all done? According to Article One, and we're gonna be talking next Monday we'll talk about later in counseling, a lot of requests for ARPA monry, but this is taking care of specific a key problems. Is it going to substantially reduce our problem? I don't think so. Okay, well, I suppose I think it's going to produce I don't think we're going to go up to \$537,000 a month on down to 485,000. I don't think that's going to happen. Okay, say 5000 10,000 I don't know the answer, but I think it's gonna save us a little something. So, I think it's money well spent. To give some lifespan or 15 years in certain parts of the city. Try to reduce the river flow intake of carbon. And we've got some other money that we plan on using for we can still use for itself. I guess my question is, is continued as questions Mr. Sullivan, but I also am looking for a recommendation from this committee to recommend request of at least 600,000. If you want to go with a different number. That's fine too to the committee the whole next Monday to put that on the agenda.

ALD JONES:

I'll make that motion to recommend that \$625k.

ALD OSENGA:

Mayor, will the \$625K be able to buy those other meters?

MAYOR CURTIS:

We will not buy them we will rent them and do a 90 day plan for us and they would do the entire city. Now one of the things. you did mention something like I'm just I'll use your area theory. Let's take your area there. You put one flow meter over there, if you find is there's some heavy infiltration, we could at a certain point, the three that we own are portable flow meters and we could set those up in that particular area. You can get a further defined area.

JOE SULLIVAN:

Absolutely. The 14 Basins is breaking up the city into the equally sized basins as much as possible. As the mayor mentioned that one of the basins was significantly higher. That was the next part of the basin. What's the flow meter in the lower river view is done in the rehab work has been done. We've had enough data, you could

definitely move those meters within that base and a break up that one basement three and really kind of pinpoint which areas are worse. We'll get that on base and then as the meters are yours, they they're going to be good for at least 10 to 15 years to move around in the system and use them in that way.

MAYOR CURTIS: The one at Stone Street is permanent. The other three are mobile, portable.

ALD PRUDE: The question is if we start off with 10 that would cover the whole city that didn't get an accurate reading. Is that amount in that 625K?

MAYOR CURTIS: Yes. So, the \$550k for the engineering budget is about \$73,000 to do that work, so that comes up to that \$6.2 It is yes, that would be in Yes.

ALD SWANSON: I'll second Alderman Jones's motion for \$625,000 recommendation.

MAYOR CURTIS: So, we have a motion from Alderman Jones to recommend to the Committee of the Whole for \$625,000 of ARPA money for Sewer repairs and flow monitoring and a second by Alderwoman Swanson. Any questions? Or comments? Seeing none, roll call.

Clara Hall:	Ald Lewis - Aye	Ald Swanson – Aye
	Ald Prude – Aye	Ald Johnson - Aye
	Ald O'Brien - Aye	Ald Jones - Aye
	Ald Osenga – Aye	Clerk Gall – Aye
	AYES: 8	NAYS: 0

MAYOR CURTIS: We will move that to the Committee of Whole Agenda for Monday. It will be recommended to City Council. Thank you. Any questions or comments? Joe, can we can get a copy of that proposal?

JOE SULLIVAN: Yes. Thank you.

ADJOURNMENT

MAYOR CURTIS: Okay. That was the end of New Business. We have no other further business tonight. And we do not have any have a need for Executive Session. Is there any other questions or comments from us? Yep, see none. Is there a motion to adjourn?

ALD OSENGA: So move.

ALD JOHNSON: Second.

MAYOR CURTIS: Motioned by Alderman Osenga and seconded by Alderwoman Johnson. All in favor?

ESU BOARD MEMBERS: Aye.

MAYOR CURTIS: We are adjourned.

ENVIRONMENTAL SERVICES UTILITY

ACCOUNTS PAYABLE

February 21, 2023

<u>CHECK#</u>	<u>DATE</u>	<u>VENDOR</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>	<u>ACCOUNT</u>
33067	2/21/2023	A PLUS HOME IMPROVEMENT	ESU GARAGE DOOR 5 REPAIR	633.99	51.20.577
33068	2/21/2023	A TOUCH OF GLASS CLEANING	DEPOT/CLEANING-JANUARY	1,795.00	51.20.527
33069	2/21/2023	ALL POWER EQUIPMENT	WHEEL W/TIRE PIN	71.49	51.20.502
33070	2/21/2023	ALTORFER INDUSTRIES	TUBE, GASKET, VALVE	316.41	51.50.572
33071	2/21/2023	AQUA ILLINOIS, INC	13035600969532 1/3-2/1	0.21	51.20.555
33071	2/21/2023	AQUA ILLINOIS, INC	13729811028326 1/3-2/1	83.61	51.20.555
			CHECK TOTAL	83.82	
33072	2/21/2023	ARAMARK	LAB COATS 1/18/23	37.85	51.20.518
33072	2/21/2023	ARAMARK	LAB COATS 1/25/23	37.85	51.20.518
33072	2/21/2023	ARAMARK	LAB COATS 2/1/23	37.85	51.20.518
			CHECK TOTAL	113.55	
33073	2/21/2023	BEAUPRE INC.	#4 TOW 1/12/23	137.50	51.50.572
33073	2/21/2023	BEAUPRE INC.	#4 TOW 11/17/23	137.50	51.50.572
			CHECK TOTAL	275.00	
33074	2/21/2023	BUCKEYE POWER SALES	STONE ST INSPECTION	1,610.00	51.20.577
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	OLD PREVIOUS CREDIT	89.63CR	51.20.502
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	OIL FILTER	50.02	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	FILTER, BELT	31.55	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	FUEL CAP	9.20	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	GLOVES	21.99	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	S2/IGNITION COIL	189.70	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	S2/SPARK PLUGS	55.92	51.50.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	HOSE CLAMPS	24.00	51.20.572
33075	2/21/2023	CHRISTIANSEN AUTO PARTS	SILICONE	11.29	51.20.502
			CHECK TOTAL	304.04	
33076	2/21/2023	CINTAS CORPORATION	FIRST AID SUPPLIES	48.25	51.40.522
33076	2/21/2023	CINTAS CORPORATION	FIRST AID SUPPLIES	47.78	51.50.502
			CHECK TOTAL	96.03	
33077	2/21/2023	COMED	0063043121 12/29-1/30	169.95	51.20.551

33077	2/21/2023	COMED	0141163037 12/29-1/30	301.05	51.20.551
33077	2/21/2023	COMED	0207105128 12/29-1/30	289.10	51.20.551
33077	2/21/2023	COMED	0458025048 12/29-1/30	311.28	51.20.551
33077	2/21/2023	COMED	0094099073 12/29-1/30	1,076.26	51.20.551
33077	2/21/2023	COMED	0128159053 12/29-1/30	797.16	51.20.551
33077	2/21/2023	COMED	0416085008 12/29-1/30	211.46	51.20.551
33077	2/21/2023	COMED	0134067011 12/29-1/30	143.69	51.20.551
33077	2/21/2023	COMED	0298092065 12/29-1/30	190.52	51.20.551
33077	2/21/2023	COMED	1360457004 1/5-2/3	648.49	51.20.551
CHECK TOTAL				4,138.96	
33078	2/21/2023	CONNOR COMPANY	PSB/ORGANIZER,PAINT	130.31	51.20.577
33079	2/21/2023	CUMMINS SALES AND SERVICE	SOFTWARE DIAGNOSTIC	770.00	51.50.572
33079	2/21/2023	CUMMINS SALES AND SERVICE	DIAGNOSTIC INTERFACE	1,528.05	51.50.572
CHECK TOTAL				2,298.05	
33080	2/21/2023	DALE PATCHETT	UNIFORM REIMBURSEMENT	192.84	51.50.502
33081	2/21/2023	DANIEL WILLIAMS	UNIFORM REIMBURSEMENT	300.00	51.50.502
33082	2/21/2023	DEPKE GASES & WELDING	ARGON	402.45	51.40.503
33082	2/21/2023	DEPKE GASES & WELDING	CYLINDER RENTAL	93.00	51.50.572
CHECK TOTAL				495.45	
33083	2/21/2023	DYNEGY ENERGY SERVICE	0049122036 FEBRUARY	2,943.04	51.20.551
33084	2/21/2023	EJ EQUIPMENT	CAMERA TRUCK REPAIR	1,117.52	51.20.572
33085	2/21/2023	ENVIRONMENTAL RESOUR	DEMAND STANDARDS	1,056.07	51.40.529
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 12/20/22	860.00	51.40.522
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 12/27/22	185.00	51.40.522
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 1/3/23	580.00	51.40.522
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 1/10/23	407.50	51.40.522
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 1/17/23	402.50	51.40.522
33086	2/21/2023	EUROFINS ENVIRONMENT TESTING	TESTING 1/24/23	555.00	51.40.522
CHECK TOTAL				2,990.00	
33087	2/21/2023	FASTENAL COMPANY	HEX CAP SCREWS	242.66	51.50.572
33087	2/21/2023	FASTENAL COMPANY	JOBBERS	22.10	51.33.503
33087	2/21/2023	FASTENAL COMPANY	SCREWS	4.62	51.33.503
33087	2/21/2023	FASTENAL COMPANY	BLADE	1.19	51.33.503
33087	2/21/2023	FASTENAL COMPANY	GOGGLES, SCREWS	44.49	51.20.502
33087	2/21/2023	FASTENAL COMPANY	SCREWS	25.66	51.33.503
CHECK TOTAL				340.72	

33088	2/21/2023	FCA, INC.	TILE AND GLUE	1,696.00	51.20.577
33089	2/21/2023	FISHER SCIENTIFIC	PH STRIP	18.59	51.40.503
33089	2/21/2023	FISHER SCIENTIFIC	POTASSIUM PERMANGANATE	374.00	51.40.502
33089	2/21/2023	FISHER SCIENTIFIC	PH PAPER, GRAD CYLINDER	171.11	51.40.502
33089	2/21/2023	FISHER SCIENTIFIC	GRAD CYLINDER	111.61	51.40.502
33089	2/21/2023	FISHER SCIENTIFIC	TUBES AND ACIDS	1,147.07	51.40.502
			CHECK TOTAL	1,822.38	
33090	2/21/2023	FLOWER SHOPPE INC	PSB/ADM FIR ROPING	339.90	51.20.577
33091	2/21/2023	GORDON ELECTRIC SUPPLY	REPLACE LIGHT BALLAST	120.59	51.33.503
33091	2/21/2023	GORDON ELECTRIC SUPPLY	LIGHTS FOR STREETS	114.04	51.33.503
33091	2/21/2023	GORDON ELECTRIC SUPPLY	CONNECTORS	65.98	51.33.502
33091	2/21/2023	GORDON ELECTRIC SUPPLY	DPW/WIRE,CONDUIT,SCREWS	145.96	51.33.503
33091	2/21/2023	GORDON ELECTRIC SUPPLY	MOUNT, ANCHOR,CABLE TIES	102.17	51.33.503
33091	2/21/2023	GORDON ELECTRIC SUPPLY	STN6/WIRE COVER,RECEPTCL	50.47	51.33.502
33091	2/21/2023	GORDON ELECTRIC SUPPLY	CONDUIT	84.95	51.33.503
33091	2/21/2023	GORDON ELECTRIC SUPPLY	COMPRESSION LUG	32.10	51.33.572
33091	2/21/2023	GORDON ELECTRIC SUPPLY	TOGGLE SWITCH	12.49	51.33.581
33091	2/21/2023	GORDON ELECTRIC SUPPLY	SWIVEL MOUNTING	56.24	51.33.503
			CHECK TOTAL	784.99	
33092	2/21/2023	HERITAGE FS INC-PEOTONE	STONE ST/OIL	995.45	51.20.514
33093	2/21/2023	HOLOHAN HEATING & SHEETMETAL	HVAC AIR FILTERS	1,324.44	51.20.577
33093	2/21/2023	HOLOHAN HEATING & SHEETMETAL	PSB/WATER COIL REPAIR	5,961.56	51.20.577
33093	2/21/2023	HOLOHAN HEATING & SHEETMETAL	STN3/REPLACE BLOWER	551.94	51.20.577
33093	2/21/2023	HOLOHAN HEATING & SHEETMETAL	PSB/BOILER, CONTROLS	5,706.06	51.20.577
			CHECK TOTAL	13,544.00	
33094	2/21/2023	JOSE PIZANO	UNIFORM REIMBURSEMENT	300.00	51.50.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	LIGHT BULBS	51.81	51.40.503
33095	2/21/2023	KANKAKEE ACE HARDWARE	SCRAPER	4.79	51.50.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	PICKUP TOOL	99.80	51.50.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	PLYWOOD	1,775.26	51.50.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	ROLLER REFILLS, PAINT	24.75	51.20.572
33095	2/21/2023	KANKAKEE ACE HARDWARE	PROPANE	29.99	51.50.572
33095	2/21/2023	KANKAKEE ACE HARDWARE	PAINT,BRUSH	132.44	51.50.572
33095	2/21/2023	KANKAKEE ACE HARDWARE	CARTRIDGE, FILTERS	48.93	51.20.577
33095	2/21/2023	KANKAKEE ACE HARDWARE	PLUNGER	7.67	51.20.577
33095	2/21/2023	KANKAKEE ACE HARDWARE	SLEDGE HAMMER	33.59	51.20.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	WRENCH	23.99	51.40.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	OIL DRI,HOSE,COUPLE	23.10	51.20.577
33095	2/21/2023	KANKAKEE ACE HARDWARE	BRUSH, PAINT TRAY	9.78	51.20.502
33095	2/21/2023	KANKAKEE ACE HARDWARE	PAINT	58.54	51.20.502

33095	2/21/2023	KANKAKEE ACE HARDWARE	DIFFUSER HOSE	65.24	51.20.577
			CHECK TOTAL	2,389.68	
33096	2/21/2023	KANKAKEE COUNTY RECORDER	LIEN RELEASE/ S PROSPECT	47.00	51.00.364
33097	2/21/2023	KANKAKEE RIVER METRO AGENCY	OPERATIONS,MAINT-FEB	275,942.00	51.30.553
33097	2/21/2023	KANKAKEE RIVER METRO AGENCY	OWNERSHIP-FEB	192,091.00	51.30.553
33097	2/21/2023	KANKAKEE RIVER METRO AGENCY	BOND DEBT SVC-FEB	69,395.00	51.30.553
			CHECK TOTAL	537,428.00	
33098	2/21/2023	KANKAKEE TRUCK EQUIPMENT	S40/SOLENOID, GASKET	265.48	51.50.572
33098	2/21/2023	KANKAKEE TRUCK EQUIPMENT	S8/HEADLIGHTS	425.00	51.50.572
33098	2/21/2023	KANKAKEE TRUCK EQUIPMENT	SOLENOID,HOLDER,GASKET	492.19	51.50.572
			CHECK TOTAL	1,182.67	
33099	2/21/2023	KANKAKEE VALLEY CONSTRUCTION	PATCH MIX 12/29/22	1,699.50	51.50.588
33100	2/21/2023	LAWSON PRODUCTS, INC	WASHERS, NUTS,SCREWS	512.45	51.50.572
33100	2/21/2023	LAWSON PRODUCTS, INC	MINI CUT OFF WHEELS	136.37	51.50.572
			CHECK TOTAL	648.82	
33101	2/21/2023	LIBERTY FIRE EQUIPMENT	FIRE EXTINGUISHER	103.95	51.40.502
33102	2/21/2023	MACQUARIE EQPMNT CAPITAL	1893439002 1/27-2/26PRNT	89.00	51.20.501
33103	2/21/2023	MENARD'S PIED PIPER PEST	ADM/PEST CONTROL-FEB	460.00	51.20.577
33104	2/21/2023	MENARDS #30930322	FRAME, CLING N SEAL	156.26	51.20.577
33104	2/21/2023	MENARDS #30930322	USB FLASH DRIVE	18.99	51.20.503
33104	2/21/2023	MENARDS #30930322	FLUID, BAGS, HOSE	95.91	51.20.577
33104	2/21/2023	MENARDS #30930322	HEATER, BOLTS, RING	71.36	51.20.502
33104	2/21/2023	MENARDS #30930322	N95 MASKS	19.99	51.20.527
			CHECK TOTAL	362.51	
33105	2/21/2023	MICKEYS LINEN & TOWEL SUPPLY	ESUE/3907 RUG SVC 1/31	55.11	51.20.518
33105	2/21/2023	MICKEYS LINEN & TOWEL SUPPLY	ESUW/3908 RUG SVC 1/31	50.00	51.20.518
33105	2/21/2023	MICKEYS LINEN & TOWEL SUPPLY	ADM/5210 RUG SVC 2/7/23	50.00	51.20.518
			CHECK TOTAL	155.11	
33106	2/21/2023	MIDWEST PAVING EQUIPMENT	THERMOCOUPLR,TUNEUP KIT	391.02	51.50.588
33106	2/21/2023	MIDWEST PAVING EQUIPMENT	CONTROLLER, FILTER	953.53	51.50.572
			CHECK TOTAL	1,344.55	
33107	2/21/2023	NALCO WATER PRETREATMENT	DI WATER	500.12	51.40.553
33108	2/21/2023	NICOR GAS	06044948922 1/5-2/3	56.51	51.20.552
33108	2/21/2023	NICOR GAS	32167449522 1/5-2/3	55.58	51.20.552

33108	2/21/2023	NICOR GAS	21506713011 1/5-2/3	53.29	51.20.552
33108	2/21/2023	NICOR GAS	80197020003 1/5-2/3	462.01	51.20.552
CHECK TOTAL				627.39	
33109	2/21/2023	NSI LAB SOLUTIONS	AMMONIA TEST	230.00	51.40.529
33110	2/21/2023	PEMCO SERVICE CO INC	PUMP REPAIR	225.00	51.50.502
33111	2/21/2023	PERKINELMER HEALTH SCIENCES	CO STANDARD	223.00	51.40.503
33111	2/21/2023	PERKINELMER HEALTH SCIENCES	NON HF STANDARD	796.00	51.40.503
CHECK TOTAL				1,019.00	
33112	2/21/2023	PIGGUSH ENGINEERING	N SCHYLER LGHTS, ADA	60.00	51.10.522
33112	2/21/2023	PIGGUSH ENGINEERING	COBB STORM SEWER REPAIR	2,220.00	51.10.522
CHECK TOTAL				2,280.00	
33113	2/21/2023	PROFESSIONAL COMMUNICATIONS	CHAMBERS SOUND REPAIR	499.50	51.33.526
33114	2/21/2023	PROTECTION ASSOCIATES	PSB/FIRE SUPERSESSION	647.59	51.20.577
33114	2/21/2023	PROTECTION ASSOCIATES	STONE/ALRM FEE 3/1-5/31	180.00	51.20.522
CHECK TOTAL				827.59	
33115	2/21/2023	RELIABLE FIRE & SECURITY	PSB/FIRE INSPECTION	640.00	51.20.522
33116	2/21/2023	RID-ALL PEST SOLUTIONS	PEST CONTROL-JANUARY	45.00	51.50.522
33117	2/21/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 1/19	140.00	51.50.522
33117	2/21/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 1/23	110.00	51.50.522
33117	2/21/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 1/24	140.00	51.50.502
33117	2/21/2023	RIVERSIDE WORKFORCE HEALTH	DOT SCREEN 1/25	110.00	51.50.522
CHECK TOTAL				500.00	
33118	2/21/2023	RONSON EQUIPMENT	MIRROR	55.28	51.50.572
33119	2/21/2023	RYAN NORWELL LAW	SERVICES-JANUARY	7,500.00	51.10.522
33120	2/21/2023	STAPLES CREDIT PLAN	CALENDARS, PAPER,STAPLES	161.77	51.40.502
33120	2/21/2023	STAPLES CREDIT PLAN	INK,COLOROX,PENS,STAPLER	202.41	51.40.502
CHECK TOTAL				364.18	
33121	2/21/2023	STAPLES CREDIT PLAN	PAPER,FOLDERS,PROTECTORS	159.94	51.20.502
33121	2/21/2023	STAPLES CREDIT PLAN	PENS, SCISSORS	148.73	51.20.502
CHECK TOTAL				308.67	
33122	2/21/2023	TERMINAL SUPPLY COMPANY	POLES	58.92	51.50.572
33123	2/21/2023	UNIFIRST CORPORATION	1828505/SERVICES 1/23/23	102.21	51.50.502

33123	2/21/2023	UNIFIRST CORPORATION	1828505/SERVICES 1/30/23	105.22	51.50.502
33123	2/21/2023	UNIFIRST CORPORATION	1828505/SERVICES 2/6/23	102.21	51.50.502
			CHECK TOTAL	309.64	
33124	2/21/2023	UNITED DISPOSAL	RUBBISH 1/4 - 1/6	1,625.25	51.50.531
33124	2/21/2023	UNITED DISPOSAL	RUBBISH 1/9-1/13	685.50	51.50.531
33124	2/21/2023	UNITED DISPOSAL	RUBBISH 1/17 - 1/19	541.50	51.50.531
33124	2/21/2023	UNITED DISPOSAL	RUBBISH 1/23 - 1/27	405.00	51.50.531
			CHECK TOTAL	3,257.25	
33125	2/21/2023	UPS	5989E2/SHIPPING-DEC	128.15	51.40.556
33126	2/21/2023	USABBLUEBOOK	GLOVES	86.92	51.40.502
33127	2/21/2023	VANSCO SUPPLY, INC.	TOWELS,LINERS,CLEANER	1,705.25	51.20.527
33127	2/21/2023	VANSCO SUPPLY, INC.	SOAP,GOJO,GLOVES,DISPENS	1,264.50	51.20.527
			CHECK TOTAL	2,969.75	
33128	2/21/2023	VERIZON WIRELESS	98045906400001 1/5-2/4	736.55	51.20.554
33128	2/21/2023	VERIZON WIRELESS	84206000000001 1/7-2/6	483.22	51.20.554
			CHECK TOTAL	1,219.77	
33129	2/21/2023	VERMEER SALES & SERVICE	CUTTERS	637.23	51.50.572
33130	2/21/2023	VIERS COFFEE	WATER	47.74	51.40.522
33130	2/21/2023	VIERS COFFEE	WATER, COOLER	261.99	51.20.577
33130	2/21/2023	VIERS COFFEE	COFFEE, SUPPLIES	124.49	51.50.522
			CHECK TOTAL	434.22	
33131	2/21/2023	WELDSTAR COMPANY	CYLINDER RENTAL	91.76	51.40.503
33132	2/21/2023	WESTSIDE TIRE & ALIGNMENT	TIRE REPAIR	20.00	51.50.572

TOTAL 2/21/23	\$ 611,531.14
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FOR ESU COMMITTEE

TOTAL 2/6/23	342,974.57
TOTAL 2/21/23	611,531.14
TOTAL FOR FEBRUARY	\$ 954,505.71

ESU Street & Alley Report for February 21, 2023

- 1) Alleys: With the mild winter we have supplied an alley crew to complete brush and code tickets.
- 2) Patching: Freeze / thaw and plowing have opened up pot holes that needed to be addressed. We rented a second hot box allowing us to have two crews dedicated to addressing pot holes. Our crews are working hard filling over 100 pot holes per day.
- 3) Mowing: Overgrowth clearing and downed tree limbs on trustee lots is progressing.
- 4) Tree Work: We have been able to make a lot of progress on tree removals and Canopy raising near stops signs. We were unable to move a few vehicles to remove stumps but the list has been dwindled down to only 4 stumps remaining.
- 5) Snow: With the mild winter we have had has allowed us to dedicate personal to other projects.
- 6) Misc: We finished a majority of the salt Barn @ 401 W. Oak location with "in house" personnel, in which we are very proud of those who helped build it. We still need to wrap and side it. We will be starting the construction of a shed to house our tires.



ESU TECHNICAL SERVICES REPORT JANUARY 2023

Aqua Liaison Report

5 Billing Correction
3 Calls to DPW
2 Calls to Republic
2 Services Moving
Investigated 7 customer complaints
Worked with Code Enforcement regarding 3 property
Assisted Aqua regarding 1 property

Com Ed Liaison

Reported Com Ed Poles cables hanging too low in alleyways
Put in a 3rd request to remove wrap from power lines at Depot
Reported Street Lights out on 200 and 500 block of Fairmont
Reported Street Lights out corner of 4th/Jeffrey
Report broken mast arm to be repaired at Maple and Elm

Administrative and Management

- Preparing Traffic/Energy/Historic Light Invoices (WIP)
- Dispatched Calls to Sewer and Tech Services
- Assist with Monthly Reports
- Monitored Technical Services Budget
- Draft of Department Budget for new fiscal year (WIP)
- Preparing a list of capital repairs for upcoming fiscal year
- ESU Tech accts receivable and prepared payables
- Prepared ESU minutes and board packet
- Assisted walk-in customers, residents and elected officials
- Met with Traffic vendors regarding parts and products
- Met with Crew daily and prioritized upcoming projects
- Created and Executed new Operational Processes
- Processed inventory and ordered supplies for upcoming repairs and projects
- Weekly meeting with Sewer/GIS Operations Manager
- Met with IT to do a phone analysis on Tech and Sewer departments
- Complete plans for Christmas 2023

Traffic Intersection Maintenance

- Kennedy & Brookmont was in flash due to a bad phase 1 load switch.
- Brookmont & 50 replaced a green LED.
- Rt. 45 & South Tech. adjusted a 3-section head.
- Kennedy & 5th the pedestrian pole was knocked down. We made repairs and set it back up.
- River Rd. & 45 half the intersection was in flash due to a bad flash relay and a bad load switch on phase 6.
- Court & I-57 S.B. was in flash due to bad power supply and BIU.
- Adjusted the timing at Court & Kennedy, Wall, Curtis, and Station
- Repaired the flashing stop sign on East Ave. & River.
- Replaced a pedestrian button at Court & Schuyler
- Daily Locates

Street Light Maintenance

- Replaced blown fuses in 5 street lights on Harvard Dr.
- Replaced a lamp at Rt. 45 & 2740 S.
- Replaced a missing meter socket cover at Dearborn & Hickory
- Knock down at Schuyler and Bourbonnais
- Knock down at Rt 50 & Fair
- Repaired 3 LED fixtures around Merchant & Dearborn.
- Set the historical pole at Rosewood and River.

Lift Stations

- Replaced the elevator control stick at the Garr Creek lift station.
- Checked outlets and the heater at the Manteno lift station
- Checked the heater at Garr Creek.

General Maintenance

- Added lights to the Mechanic's shop.
- Pulled network cables and added some outlets at Fire station 5 and 6.
- We helped documenting the Comcast boxes.
- Took down the x-mas lights.
- Replaced lamps in the Men's and Women's locker rooms at the PSB.
- Relocated the thermostat in the Police garage.

Environmental Services Utility Sewer Services Monthly Report – January 2023

Sewer Calls: 6

Grease Traps Inspected: 26

JULIE Locates: 207

Sanitary and Storm Lines Cleaned: 24,156ft (4.575 miles)

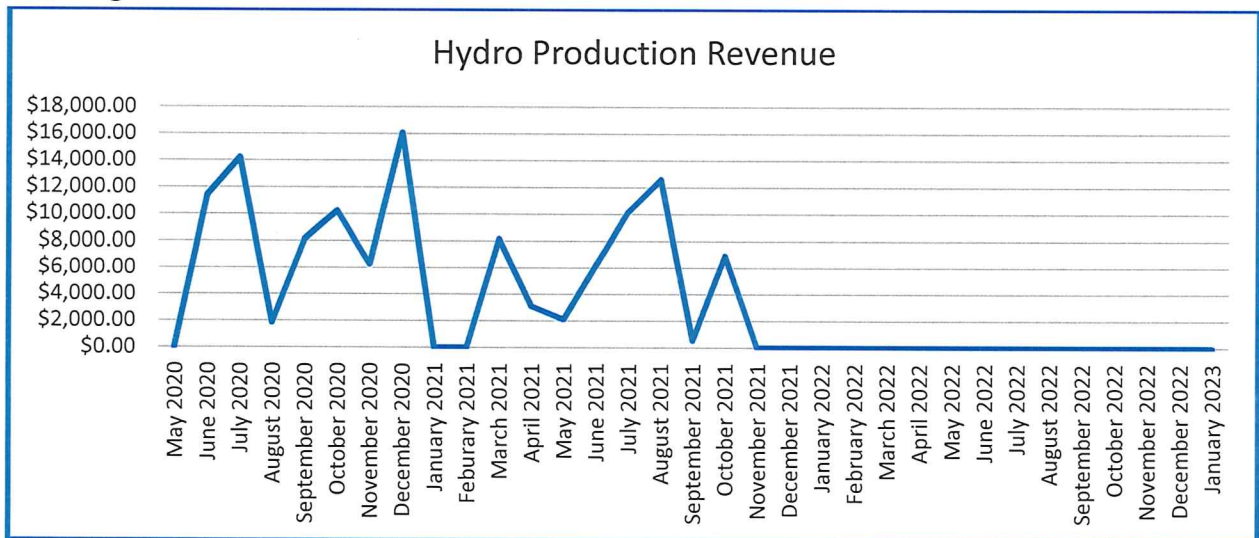
Sanitary and Storm Lines Televised: 3,255ft (0.62 miles)

Hydro Production Report

“Hydro” – 0 Production Hours – (Runs when weather and river conditions permit)

0 kWh Produced (0 Mega Watts) – NOT RUNNING

Working on Rehabilitation Plan



Lift Station Updates

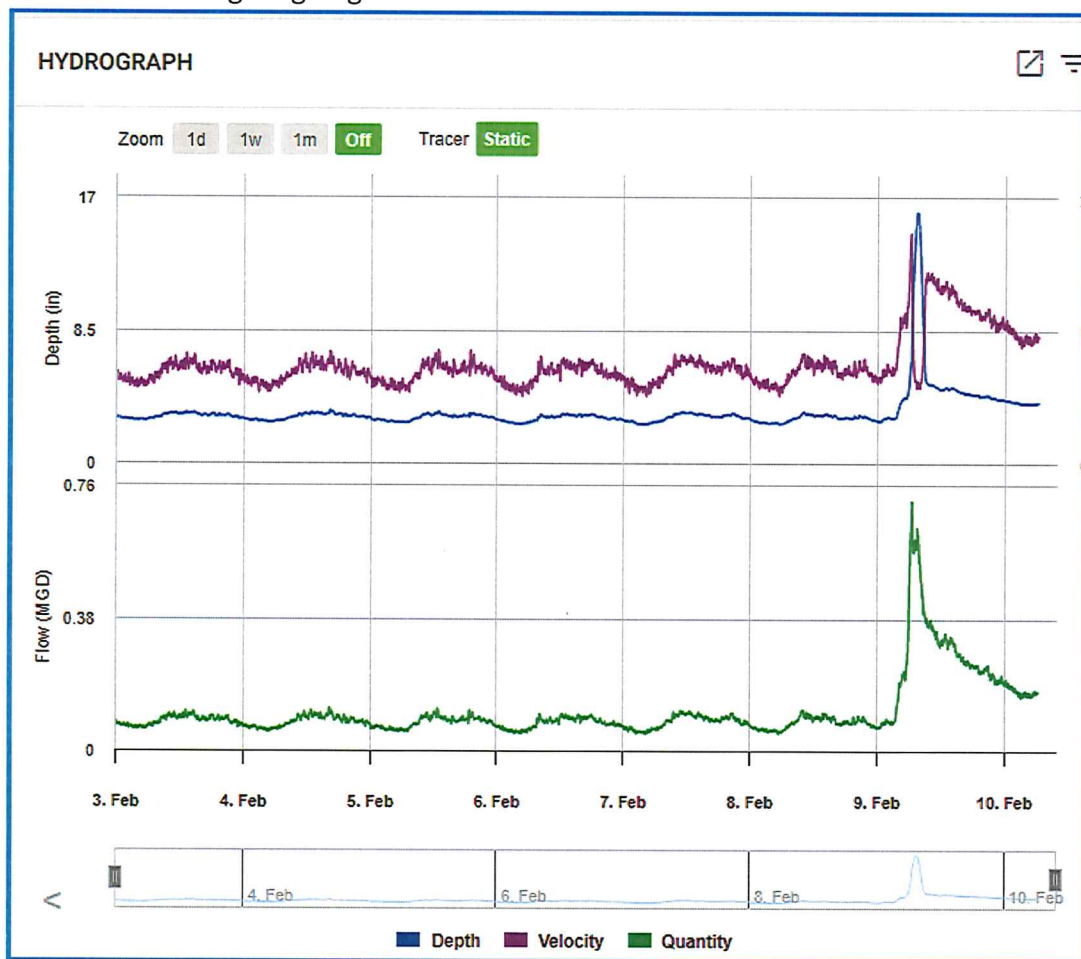
Station R pump 2 back in service
Stone St Generator annual maintenance
West Gracefield fittings replaced
500 pump motor issues

Construction Updates

1 temp fix – Dearborn & Merchant

Infrastructure Updates

EIA-923M for January reported to EIA
MH rehab fixes on hold until Spring as weather permits
Pre-NOI for FERC relicensing filed with FERC. Relicensing process has officially started
Ongoing camera truck issues
Flow Meters monitoring on going.

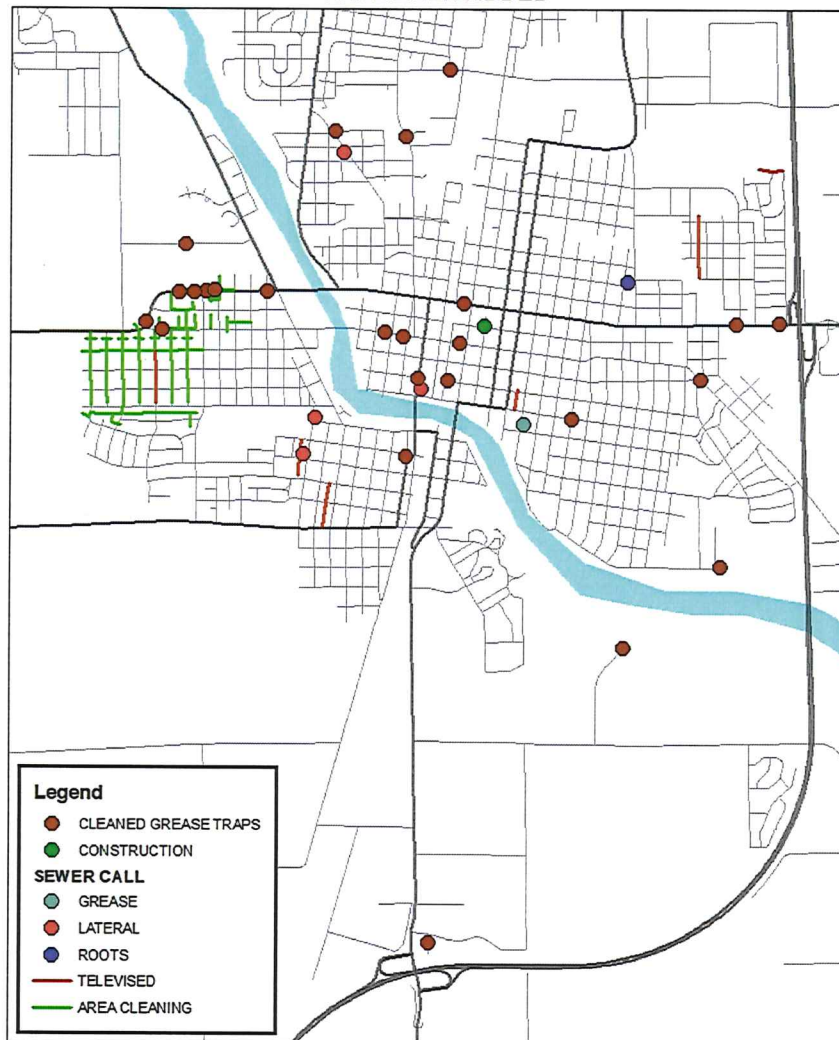


Building Maintenance Update

DPW Salt Barn construction
Salt and Plow as needed
Admin Kitchen faucet fix
Change Air Handler filters
FS 4 heater thermostat
Camera duct work in FSs
Change Bulbs
Put away Christmas Décor at Depot

Geographic Information System Updates

**JANUARY 2023 SEWER CALLS, AREA CLEANING,
GREASE TRAP INSPECTIONS, and CONSTRUCTION
HAVE BEEN ADDED**



INDUSTRIAL--LAB SERVICES MONTHLY REPORT

January 2023

I. Industrial Services – Pretreatment Program

A. Automatic 24-Hour Composite Sampling:

1. Armstrong - 3 days
2. Plochman – 3 days
3. Pactiv – 3 days

B. Monthly random grab samples due to inconsistent compliance with pretreatment and/or City Ordinance limits at:

Kankakee Tank Wash- Copper
Millipore- Molybdenum and Acetone

C. Miscellaneous

1. Lab management prepared and forwarded the laboratory billing invoice for testing both to KRMA and to the Comptroller's Office.
2. Lab management performed random industrial spot checks throughout the month.
3. Lab management forwarded monthly wastewater reporting for Armstrong Cooling Water to the respective Armstrong personnel, Stelle wastewater reporting to the respective community of Stelle personnel, CHS (Central High School) wastewater reporting to the respective CHS operations personnel, Clifton wastewater reporting to the respective Clifton operations personnel, and Van Drunen wastewater reporting to the respective Van Drunen personnel.
4. Lab management received and reviewed the monthly continued compliance report from Special Waste Disposal for January 2023 (due by end of February). Submission of the monthly report is a permit requirement for SWD.
5. Lab personnel have continued testing on industrial and hauled-in dischargers for total phosphorus through January 2023 (began in October 2020). Per KRMA request, testing will continue and results will be forwarded until further notice.
6. Lab management has kept in regular contact with CSL Behring as they have developed a compliance plan/schedule for both pH adjustment and ammonia treatment. Phase one (permanent pH treatment) commenced on Monday, October 11, 2021. CSL Behring has achieved a more consistent pH as a result of phase one. Phase 2 is essentially complete and has started testing with seed received from KRMA. It is expected to take a few months to see the full results.
7. January 2023 (and since late 2018) has continued to see Kensing sending mostly untreated wastewater to the KRMA plant as a result of their complete shutdown of their activated sludge treatment system. Dosing of an odor control agent with assistance from an environmental contractor has commenced in March 2020 and is ongoing. Lab management continues to forward communication from Operations management on H₂S concentrations within the lift station/sewer infrastructure to Kensing as part of their ongoing data collection. There were meetings over the increasing H₂S concentrations in August 2022 and the H₂S concentration has begun to come down to an acceptable level.
8. The Dow (Rohm Haas) Remediation site (located on the south end of Kensing property) continues to be shut down through January 2023 and as such there are

no pretreatment requirements. In continuing their rebound study, Dow is pursuing a “No Further Action” (NFA) status with Illinois EPA. As such, no further discharge is planned under this wastewater permit which has not been renewed. Communication has been received by Dow’s environmental contractor and NFA has not been granted yet. For this remediation site, Dow is still working through the reporting process and discussion with IL EPA for the NFA. The NFA status is expected to be done no earlier than spring 2023.

9. Partnering with Operations Management, the Lab Group has successfully begun the process of sampling/testing for the City’s MS4 (Municipal Separate Storm Sewer System) NPDES permit. There are eight outfalls within or just outside City borders that will be sampled quarterly for a range of parameters including solids, pH, mercury, and oil/grease (total of 11 different analyses). The October MS4 sampling was successfully completed. The next round of testing will begin in March of 2023.
10. The laboratory has begun testing four sample locations for KRMA (upstream and downstream Kankakee River along with Station Street Bridge and Warner Bridge) for total phosphorus starting August and continuing into October 2021. This testing is being performed to assist KRMA with their current NPDES permit with a special condition for a Nutrient Assessment Reduction Plan (NARP). This testing has been concluded for 2022 and will resume in May 2023 at a frequency of once a week.

II. Industrial Monitoring Program (User Charge)

A. For the month of January 2023, the approximate number of samples collected:

200	Scheduled user-charge grab samples
282	Industrial spot checks
11	Oil & Grease samples
<u>5</u>	Continued pretreatment monitoring – grab samples
498	Total for the month (20 days)

B. Wastewater Violation Discharge Notice issued for:

None issued for January 2023

C. User Charge Billing Reports

1. The monthly user charge/pretreatment billing reports were prepared and submitted to the Comptroller’s Office for final processing.

2. Flow summaries for the “**Big Two**” Industries for 2023:

2023	Kensing	CSL Behring
	Total Flow	Total Flow
	MG	MG
Month		
Jan-2022	17.98017	34.1981
Feb-2022		
Mar-2022		
Apr-2022		
May-2022		
Jun-2022		
Jul-2022		
Aug-2022		
Sep-2022		
Oct-2022		
Nov-2022		
Dec-2022		
TOTAL	17.98017	34.1981
Average	17.9802	34.1981

3. Monthly industrial flow/surcharge/pretreatment billing summaries for 2023:

INDUSTRIAL MONTHLY CHARGES			
2023			
	KENSING	CSL/NORTH	ROHM HAAS/DOW
JANUARY			
Flow Charges	\$214,503	\$407,984	\$17,976
Surcharge/Pretreatment	\$17,935	\$0	\$13,742
FEBRUARY			
Flow Charges			
Surcharge/Pretreatment			
MARCH			
Flow Charges			
Surcharge/Pretreatment			
APRIL			
Flow Charges			
Surcharge/Pretreatment			
MAY			
Flow Charges			
Surcharge/Pretreatment			
JUNE			
Flow Charges			
Surcharge/Pretreatment			
JULY			
Flow Charges			
Surcharge/Pretreatment			
AUGUST			
Flow Charges			
Surcharge/Pretreatment			
SEPTEMBER			
Flow Charges			
Surcharge/Pretreatment			
OCTOBER			
Flow Charges			
Surcharge/Pretreatment			
NOVEMBER			
Flow Charges			
Surcharge/Pretreatment			
DECEMBER			
Flow Charges			
Surcharge/Pretreatment			

III. Analytical Services

- A. Lab is running normally with some employee absence.
- B. The Lab has begun to take in extra samples in an effort to increase revenue.

ICP Section samples from December 1, 2022 to December 31, 2022.

Cyanide samples – 27 samples

Industrial samples – 12 samples / 72 metals

Hauler samples – 51 samples / 357 metals

Mercury samples – 59 samples

IV. Administrative Services – Administrative Specialist

- A. Covid 19 Precautions
 - Daily cleaning and disinfecting of office equipment, office area, and lab area
 - Per KRMA guidelines, no visitors are allowed in the building
- B. Continued to archive 2020 - 2021 industrial files – updated files for new fiscal year
- C. Prepared monthly report for Utility packet
- D. Met with Laboratory Services Operations Manager to go over daily agenda
- E. Weekly scanning and entering Laboratory Accounts Payables and forwarded to Comptroller's Office
- F. Liaison between Laboratory Services Operations Manager, industries, and KRMA Assistant Superintendent
- G. Continuation of updating the Industrial Compliance Letters with edits regarding personnel and address change
- H. Provide customer service to phone customers – no walk-ins allowed at this time
- I. Records daily and tallies monthly laboratory user charge data for each industrial user
- J. Administers the UPS shipping process; labeling, documentation for the KESU Lab Department and Technical Services Department.
- K. Prepares the monthly UPS bill for submittal to Laboratory Services Operations Manager and Comptroller's Office
- L. Entered monthly analytical metal results for hauled-in and industries into HACH program
- M. With assistance of Laboratory Services Operations Manager, continuation of archiving, organizing, and maintaining industrial pretreatment files

Submitted by:

Ryan P. McGinnis, Laboratory Services Operations Manager, Kankakee Environmental Services



Synapse Networks
3033 N Clark St
Chicago IL 60657
Tel: 872-310-3408
email: sales@synapse.tech

February 15, 2023

Ref: Proposal for Network Switch Upgrades

Hello,

As a follow up to our initial quote to the City of Kankakee, we have been in touch with the Extreme Networks sales team on this project who have advised us of a change in the bill of materials needed for the switch replacement project. This proposal is based on the most recent build. This includes a different switch model for the data center, and the addition of power supplies to the model 5420M switches.

As mentioned before, our office is 80 minutes away from the City offices, and we are prepared to offer a carefully coordinated network project plan with the City IT staff to both minimize cost and downtime. We understand from significant prior experience how to manage this kind of project in a staged manner that would allow us to preconfigure the network hardware and simplify the work done in the field.

We acknowledge and provide assurance that we meet the proposal objectives as outlined below, with the exception that we waived the detailed site inspections.

- 1. The specifications and special provisions contained herein shall govern the hardware desired for this project.*
- 2. The specifications referred to herein are those prepared by the City of Kankakee and designated as "Standard Specifications for Network Infrastructure" and thereto, adopted and in effect on the date of invitation for bids.*
- 3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein, and that the proposal is made without collusion with any other person, firm, or corporation.*

Synapse Networks – Proposal to City of Kankakee for Network Switches

- 4. The undersigned further declares that he has carefully examined the proposal ... and the detailed requirements of the installation of this network hardware, and understands that in making this proposal, he waives all right to plead any misunderstanding regarding the same. ...*
- 5. The undersigned further understands and agrees that if this proposal is accepted, he is to furnish and provide all necessary machinery, tools, apparatus, and other means of construction and to do all of the work and to furnish all of the materials specified in the contract, in the manner and at the time therein prescribed and in accordance with the requirements therein set forth.*
- 6. The undersigned declares that he understands that the accurate measurements, related to all materials and all cabling, are the responsibility of the bidder. Change orders, due to inaccurate measurements or inaccuracy of labor estimates by the bidder, will not be allowed.*
- 7. The undersigned further agrees that the unit prices submitted herewith are for the purposes of obtaining a gross sum and for use in computing the value of the extras and deductions, that if there is a discrepancy between the gross sum and that resulting from the summation of the quantities by their respective unit prices, the latter shall apply.*
- 8. The undersigned agrees that if the Owner decides to shorten or extend the improvement or otherwise alter it by extras or deductions, including the elimination of anyone or more of the items, by an amount not to exceed 25 percent of the total money value of the original Contract price or Contract price corrected as provided in the specifications, he will perform the work altered, increased or decreased at the Contract unit prices.*
- 9. The undersigned further agrees that the Owner may at any time during the progress of the work covered by this contract order other work or materials incidental thereto and that all such work and materials as do not appear in the proposal or contract as a specific item which are not included under the bid price for other items in the contract shall be performed as extra work and he will accept as full compensation therefore as provided in the specifications.*

SCOPE OF PROPOSAL

We are proposing enterprise grade network hardware from Extreme Networks and have reviewed the proposed bill of materials (BOM) with their sales team.

We acknowledge that:

This specification shall govern the furnishing of all work, related hardware, and software to the installation of the network switches, associated hardware and setup on this new network infrastructure. Jobsite cleanup, commissioning and burn in of the hardware and staff interaction will be required. All information within this specification is utilized to convey the concept and potential solution of this network infrastructure system. The contractor is to fine tune the integral connectivity between these network systems, based on integral feedback from the City of Kankakee, and establish a solid solution for the owner. Any portion of the building damaged due to the carelessness of the successful bidder shall be repaired at the bidder's expense.

Synapse Networks – Proposal to City of Kankakee for Network Switches

Below are the models and locations for the proposed switches.

City of Kankakee Core Network Switches

#	Core Location	VLAN 90 IP	Type	Extreme Networks Replacement models	Extreme Networks switch spares
1	Admin (City Hall)	172.16.16.4	X460-24P x 2, X440-48P	5420M-24W-4YE, 5420M-48W-4YE	5420M-24W-4YE, 5420M-48W-4YE
2	Code	172.16.16.10	X460-24P	5420M-24W-4YE	
3	DC	172.16.16.2	X460-24P	5320-24T-8XE with eight (8) SFP/SFP+ ports	
4	Depot	172.16.16.8	X460-24P	5420M-24W-4YE	
5	DPW	172.16.16.5	X460-24P	5420M-24W-4YE	
6	ECDA	172.16.16.9	X460-24P	5420M-24W-4YE	
7	ESU Sewer	172.16.16.6	X460-24P x 2, X440-48P x 2	5420M-24W-4YE, 5420M-48W-4YE and consolidate	
8	ESU Technical	172.16.16.7	X460-48P	5420M-48W-4YE	
9	PSC	172.16.16.3	X440-48P Stack x 4	5420M-48W-4YE stack (4 switches)	

#	Remote VPN Location	management IP	Type	Extreme Networks Replacement models	Extreme Networks switch spares
10	Plant/Lab	172.16.133.2	X430-24P	X435-24P-4S	X435-24P-4S, X435-8P-4S
11	Station-3	172.16.137.2	X430-8P	X435-8P-4S	
12	Station-4	172.16.17.2	X430-8P	X435-8P-4S	
13	Station-5	172.16.121.2	X430-8P	X435-8P-4S	
14	Station-6	172.16.79.2	X430-8P	X435-8P-4S	

Synapse Networks – Proposal to City of Kankakee for Network Switches

PROFESSIONAL SERVICES

As mentioned, we have experience working with the City of Kankakee on the configuration and deployment staging of your current firewall infrastructure, including the core site and remote firewalls, and would propose a similar project staging in coordination with the City's IT staff. We find this provides the maximum flexibility with the timing of the cutover, which can be done on a site-by-site basis. This would start with Synapse Network receiving the network switches and performing the recommended software updates and developing the site-by-site switch configuration based on the available configuration files. This configuration would be based also on the base configuration template as described in the proposal document:

It is the objective to create edge switch configuration for voice and data traffic. A base configuration template will be created by the vendor setting up QOS parameters, VLAN settings and management settings that City IT staff can replicate to each new switch making the necessary adjustments for VLANs, switch names, SNMP settings and any other setting unique to a particular switch

For the professional services billing, we are estimating professional services billing as follows. This hour total is negotiable with the City based on how much of the physical install and cabling cutover the City IT staff wishes to handle.

Services	Hours
Project Kickoff Meeting and identify designated contacts, rough project schedule, and identify project management objectives	2
Receive switches at Synapse Networks office, update software to latest recommended. Develop configuration template and apply configuration files to core and remote switches. Transport switches to City offices.	12
On-site visit(s) for initial switch installations at designated City core locations, per City schedule	16
Proposed remote support for remaining switch deployment, with agreement from City IT staff	10
Project management	3
Documentation and sign-off meeting	3
Estimated professional services hourly total, assuming a mix of on-site and remote switch deployment support	46 hours

Synapse Networks – Proposal to City of Kankakee for Network Switches

REQUIRED EQUIPMENT

Installation Includes Rack, Stack, Programming, Incidental Components, Cables, Wire Management and Training with Customer Participation. It is the bidder's responsibility to field verify any-and-all aspects of this project. If a rack is needed it shall be supplied by the contractor. If real estate is available within the existing racks the contractor can utilize the rack space for installation of the new hardware. The contractor / installer / vendor, by any means, does not have the right to plead misunderstanding.

HARDWARE

Part Number	Description	Qty
5420M-24W-4YE	Extreme Networks 5420 Universal Switch with 24 x 10/100/1000BASE-T 802.3bt 90W PoE full/half duplex ports, includes 4 x 1/10/25Gb SFP28 uplink ports, 2 x Stacking/SFP-DD ports, two unpopulated PSU slots, modular fan module, Base software license, includes 1-year XIQ Pilot subscription	7
5420M-48W-4YE	Extreme Networks 5420 Universal Switch with 48 x 10/100/1000BASE-T 802.3bt 90W PoE full/half duplex ports, includes 4 x 1/10/25Gb SFP28 uplink ports, 2 x Stacking/SFP-DD ports, two unpopulated PSU slots, modular fan module, Base software license, includes 1-year XIQ Pilot subscription	8
XN-ACPWR-920W	920W AC PSU supported on 5420 Series <i>Note: the 5420M switches are quoted with a single 920W power supply. An additional power supply can be purchased for full power redundancy.</i>	14
5320-24T-8XE	Extreme Networks 5320 Universal Switch with 24 x 10/100/1000BASE-T full/half duplex ports, 8 x 1Gb SFP ports upgradeable to 10Gb SFP+ (includes 2 x Stacking ports @10Gb), 1 internal fixed AC PSU, fixed fan modules, 2-post rack-mount kit, Base software license, includes 1-year ExtremeCloud IQ Pilot Subscription	1
X435-24P-4S	ExtremeSwitching X435 switch 24x10/100/1000BASE-T PoE+ full / half duplex ports, 4x1G/2.5G unpopulated SFP ports, 1 AC PSU, rack-mount kit (XN-2P-RMKIT-004), ExtremeXOS Value Edge license	2
X435-8P-4S	ExtremeSwitching X435 switch with 8 x 1000BASE-T PoE+ full / half duplex ports, 4x1G/2.5G unpopulated SFP ports, 1 AC PSU, wall-mount kit (16573), ExtremeXOS Value Edge license, fanless	5

Synapse Networks – Proposal to City of Kankakee for Network Switches

HARDWARE TABULATION

Part #	Part Name	Qty	Unit Price	Extended Price
5320-24T-8XE		1	\$1,320	\$1,320
5420M-24W-4YE		7	\$2,550	\$17,850
5420M-48W-4YE		8	\$4,060	\$32,480
X435-24P-4S		2	\$995	\$1,990
X435-8P-4S		5	\$498	\$2,490
XN-ACPWR-920		14	\$620	\$8,680
			Switch total	\$64,810

NETWORK MANAGEMENT SOFTWARE

Part #	Part Name	Qty	Unit Price	Extended Price
	N/A		\$0	\$0

SUPPORT / TAC / ADVANCED REPLACEMENT COVERAGE (12 months)

Part #	Part Name	Qty	Unit Price	Extended Price
5320-24T	97000-5320-24T-8XE	1	\$113	\$113
5420M-24W	97000-5420M-24W-4YE	7	\$216	\$1,512
5420M-48W	97000-5420M-48W-4YE	8	\$365	\$2,920
X435-24P-4S	97000-X435-24P-4S	2	\$126	\$252
X435-8P-4S	97000-X435-8P-4S	5	\$64	\$320
	Support total for 12 month period			\$5,117



SYNAPSE NETWORKS PROFESSIONAL SERVICES

(estimated based on summary totals in prior section)

Part #	Part Name	Qty	Unit Price	Extended Price
	Synapse Networks Professional Services for staged configuration and deployment, both remote and on-site, with configuration templates, documentation and trouble shooting as required	46	\$170	\$7,820

Synapse Networks – Proposal to City of Kankakee for Network Switches

SUBTOTAL CITY OF KANKAKEE (Hardware, Network Management Software and Next Business Day Replacement Coverage.)	\$69,927
LABOR	\$7,820
INCIDENTAL MATERIALS / SUPPLIES Estimated cost for transceiver modules and interconnect cables for stacking and fiber connectivity, and power cables	\$500
SHIPPING	\$0
TOTAL	\$78,247

Note that no sub-contractors are involved in the proposed scope of work.

Any questions on this proposal can be directed to:

Stuart Brainerd, Synapse Networks

Tel: 872-310-3408

Email: stuart@synapse.tech

Acceptance agreement by both parties:

Synapse Networks, Inc.

City of Kankakee

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

THE CITY OF KANKAKEE
KANKAKEE COUNTY, ILLINOIS

RESOLUTION
NUMBER 23-__

**A RESOLUTION AUTHORIZING THE ACCEPTANCE OF A PROPOSAL
FOR NETWORK SWITCH UPGRADES BETWEEN SYNAPSE NETWORKS
AND THE CITY OF KANKAKEE FOR THE AMOUNT OF \$78,247.00**

CHRISTOPHER W. CURTIS, Mayor
STACY GALL, City Clerk

**MICHAEL PRUDE
CHERRY MALONE-MARSHALL
MICHAEL O'BRIEN
DAVID M. BARON
DAVID CRAWFORD
LARRY OSENGA
DANITA SWANSON**

**LANCE MARCZAK
VICTOR NEVAREZ
CARMEN LEWIS
KELLY JOHNSON
MICHAEL COBBS
P. CARL BROWN
REGINALD JONES**

Aldermen

Published in pamphlet form by authority of the Mayor and City Clerk of the City of Kankakee on
this _____ day of _____, 2023.

RESOLUTION NUMBER 23-_____

**A RESOLUTION AUTHORIZING THE ACCEPTANCE OF A PROPOSAL
FOR NETWORK SWITCH UPGRADES BETWEEN SYNAPSE NETWORKS
AND THE CITY OF KANKAKEE FOR THE AMOUNT OF \$78,247.00**

WHEREAS, the City of Kankakee, Kankakee County, Illinois (the “City”) is a home rule unit of local government pursuant to Article VII, Section 6, of the 1970 Illinois Constitution, and, except as limited by such section, it may exercise any power and perform any function pertaining to its government and affairs; and

WHEREAS, the Mayor and City Council have determined that it is necessary and in the best interests of the City Council and its residents to authorize the acceptance of a proposal for Network Switch Upgrades by Synapse Networks for the amount of \$78,247.00, attached hereto as Exhibit A (“Proposal”); and

WHEREAS, the Mayor and City Council find that it is in the best interests of the City to authorize the execution of a proposal for acceptance of a proposal for Network Switch Upgrades between Synapse Networks and the City of Kankakee for the amount of \$78,247.00; and

WHEREAS, the Mayor and City Council find that it is in the best interests of the City to authorize the funding of the proposal for Network Switch Upgrades between Synapse Networks and the City of Kankakee for the amount of \$78,247.00.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Kankakee, Kankakee County, Illinois, in the exercise of its home rule powers, as follows:

Section 1: The recitals set forth hereinabove shall be and are hereby incorporated as findings of fact if said recitals were fully set forth herein.

Section 2: The Mayor of the City of Kankakee is hereby authorized to accept and execute for Network Switch Upgrades between Synapse Networks and the City of Kankakee for the amount of \$78,247.00, attached hereto as Exhibit A.

Section 3: The Mayor and Comptroller of the City of Kankakee is hereby authorized to pay Synapse Networks an amount not to exceed \$78,247.00.

Section 4: This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

(Intentionally left blank)

ADOPTED by the Mayor and City Council of the City of Kankakee, Kankakee County, Illinois

this ____ day of _____, 2023, pursuant to a roll call vote, as follows:

	YES	NO	ABSENT	PRESENT
PRUDE				
MALONE-MARSHALL				
O'BRIEN				
BARON				
CRAWFORD				
OSENGA				
SWANSON				
MARCZYK				
NEVAREZ				
LEWIS				
JOHNSON				
COBBS				
BROWN				
JONES				
MAYOR CURTIS				
TOTAL				

APPROVED by the Mayor of the City of Kankakee, Kankakee County, Illinois on this __
day of _____, 2023.

CHRISTOPHER W. CURTIS
Mayor

ATTEST:

Stacy Gall, City Clerk

)

)

EXHIBIT A



February 14, 2023

Mayor & City Council
City of Kankakee
304 S Indiana Avenue
Kankakee, IL 60901

RE: ESU Parking Lot Improvements
Harrison Avenue
Kankakee, IL 60901
PEI Job No. 22156.0301
RECOMMENDATION OF AWARD

Mayor & City Council:

Bids were opened on February 14, 2023, at 2:00 P.M. at Kankakee City Clerk's Office for the ESU Parking Lot Improvements. Following are the results of the bid opening.

	Base Bid	Alternate Bid	Total
Engineer's Estimate	\$189,955.00	\$30,840.00	\$220,795.00
R&R, Inc. 422 N Kennedy Drive Bradley, IL 60915	\$142,929.70	\$15,620.50	\$158,550.20
Kankakee Valley Construction Co. 4356 W State Route 17 Kankakee, IL 60901	\$177,930.07	\$24,720.00	\$202,650.07

It is recommended that the Mayor & City Council award a contract for the base bid and alternate bid in the amount of \$158,550.20 to R&R, Inc. and that the Mayor and Clerk be authorized to sign the contract documents in order to be able to proceed with contracts in a timely manner. The bid tabulation is included for your reference. Please contact this office if you have any questions or require additional information.

Regards,
PIGGUSH ENGINEERING, INC.

A handwritten signature in blue ink, appearing to read 'Neil Piggush'.

Neil A. Piggush, PE, CFM

ADDRESS

586 William Latham Drive, Suite 8
Bourbonnais, IL 60914

CONTACT

O 815.614.3735
F 815.614.3447



**PIGGUSH
ENGINEERING**

President

ADDRESS

586 William Latham Drive, Suite 8
Bourbonnais, IL 60914

CONTACT

O 815.614.3735
F 815.614.3447

PiggushEng.com

Signature Certificate

Reference number: MJV8O-CSDBL-WTEQF-F52UJ

Signer

Timestamp

Signature

Jackie Liebermann


Email: jliebermann@piggusheng.com

Sent:

14 Feb 2023 21:10:08 UTC

Signed:

14 Feb 2023 21:10:08 UTC



IP address: 173.165.111.141

Location: Bourbonnais, United States

Document completed by all parties on:

14 Feb 2023 21:10:08 UTC

Page 1 of 1



Signed with PandaDoc

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Client Name: City of Kankakee ESU
Project Name: ESU Parking Lot Improvements
Project Location: Kankakee, IL 60901
Project Number: 22156.0301
Bid Opening Date & Time: 2/14/23 at 2:00 PM
Bid Opening Attended By: Neil Piggush
Project Engineer:

TABULATION OF BIDS

BASE BID			Contractor		Engineer's Estimate		R&R, Inc. 422 N Kennedy Drive Bradley, IL 60915		Kankakee Valley Construction Co. 4356 Route 17 Kankakee, IL 60901					
ITEM NUMBER	IDOT PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	A5162401	VINYL FENCE UPGRADE	FOOT	335.00	\$8.00	\$2,680.00	\$7.00	\$2,345.00	\$14.95	\$5,008.25		\$0.00		\$0.00
2	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4.00	\$975.00	\$3,900.00	\$625.00	\$2,500.00	\$600.00	\$2,400.00		\$0.00		\$0.00
3	D2015401	EVERGREEN, JUNIPERUS CHINENSIS KALLAYS COMPACTA, (KALLAY COMPACT JUNIPER), 24" WIDTH, BALLED AND BURLAPPED	EACH	14.00	\$150.00	\$2,100.00	\$55.00	\$770.00	\$53.00	\$742.00		\$0.00		\$0.00
4	C2005928	SHRUB, RHUS COPALLINA VAR LATIFOLIA MORTON (PRAIRIE FLAME SHINING SUMAC), 2" HEIGHT, BALLED AND BURLAPPED	EACH	5.00	\$120.00	\$600.00	\$60.00	\$300.00	\$58.00	\$290.00		\$0.00		\$0.00
5	K1005481	SHREDDED BARK MULCH 3"	CU YD	9.00	\$80.00	\$720.00	\$67.00	\$603.00	\$65.00	\$585.00		\$0.00		\$0.00
6	X7100216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$5,500.00	\$5,500.00		\$0.00		\$0.00
7	X1800014	DIERVILLA KODIAK ORANGE (KODIAK ORANGE BUSH- HONEYUCKLE), 24" HEIGHT, 5 GALLON CONTAINER	EACH	15.00	\$90.00	\$1,200.00	\$64.00	\$960.00	\$61.00	\$915.00		\$0.00		\$0.00
8	X0322330	HANDICAP SIGN	EACH	2.00	\$250.00	\$500.00	\$150.00	\$300.00	\$200.00	\$400.00		\$0.00		\$0.00
9	X0323718	CONCRETE PARKING BLOCKS	EACH	7.00	\$250.00	\$1,750.00	\$175.00	\$975.00	\$200.00	\$1,400.00		\$0.00		\$0.00
10	X0325500	PARKING LOT SEAL COAT	SO YD	580.00	\$3.50	\$2,030.00	\$2.30	\$1,334.00	\$2.02	\$1,171.60		\$0.00		\$0.00
11	X0327229	SLIDE GATE	EACH	1.00	\$10,500.00	\$10,500.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00		\$0.00		\$0.00
12	X0350810	BOLLARD REMOVAL	EACH	31.00	\$175.00	\$5,425.00	\$50.00	\$1,550.00	\$60.00	\$2,460.00		\$0.00		\$0.00
13	X2300046	SWING GATE ARM 22"	EACH	1.00	\$12,945.00	\$12,945.00	\$150.00	\$150.00	\$655.00	\$655.00		\$0.00		\$0.00
14	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00		\$0.00		\$0.00
15	20200100	EARTH EXCAVATION	L SUM	1.00	\$3,310.00	\$3,310.00	\$16,500.00	\$16,500.00	\$4,000.00	\$4,000.00		\$0.00		\$0.00
16	2101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	34.00	\$16.00	\$544.00	\$40.00	\$1,360.00	\$50.00	\$1,700.00		\$0.00		\$0.00
17	25200110	SODDING, SALT TOLERANT	SO YD	34.00	\$12.00	\$408.00	\$105.00	\$3,570.00	\$100.00	\$3,400.00		\$0.00		\$0.00
18	28000400	PERIMETER EROSION BARRIER	FOOT	100.00	\$8.00	\$800.00	\$7.50	\$750.00	\$10.50	\$1,050.00		\$0.00		\$0.00
19	28000500	INLET AND PIPE PROTECTION	EACH	1.00	\$150.00	\$150.00	\$25.00	\$25.00	\$150.00	\$150.00		\$0.00		\$0.00
20	35101582	AGGREGATE BASE COURSE, TYPE B 2"	SO YD	986.00	\$10.00	\$9,860.00	\$8.50	\$8,381.00	\$8.00	\$7,888.00		\$0.00		\$0.00
21	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SO YD	15.00	\$50.00	\$750.00	\$15.00	\$225.00	\$75.00	\$1,125.00		\$0.00		\$0.00
22	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	40.00	\$90.00	\$3,600.00	\$20.00	\$800.00	\$50.00	\$2,000.00		\$0.00		\$0.00
23	35300100	PORTLAND CEMENT CONCRETE BASE COURSE, 6"	SO YD	8.00	\$162.00	\$1,296.00	\$120.00	\$960.00	\$360.00	\$2,880.00		\$0.00		\$0.00
24	35800100	PREPARATION OF BASE	SO YD	986.00	\$8.00	\$7,888.00	\$175	\$1,725.50	\$4.50	\$4,437.00		\$0.00		\$0.00
25	40600380	HOT-MIX ASPHALT BINDER COURSE, IL-190, N50	TON	149.00	\$155.00	\$23,095.00	\$142.00	\$21,158.00	\$140.00	\$20,860.00		\$0.00		\$0.00
26	40600310	HOT-MIX ASPHALT SURFACE COURSE, MIX 'C', N50	TON	89.00	\$165.00	\$14,685.00	\$142.00	\$12,638.00	\$200.00	\$17,800.00		\$0.00		\$0.00
27	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	40.00	\$108.00	\$4,320.00	\$125.00	\$5,000.00	\$170.00	\$6,800.00		\$0.00		\$0.00
28	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	60.00	\$24.00	\$1,440.00	\$20.00	\$1,200.00	\$45.00	\$2,700.00		\$0.00		\$0.00
29	44000100	PAVEMENT REMOVAL	SO YD	994.00	\$25.00	\$24,850.00	\$5.50	\$5,467.00	\$7.00	\$6,958.00		\$0.00		\$0.00
30	44000300	CURB REMOVAL	FOOT	52.00	\$25.00	\$1,300.00	\$20.00	\$1,040.00	\$23.00	\$1,196.00		\$0.00		\$0.00
31	45100100	CRACK ROUTING (PAVEMENT)	FOOT	348.00	\$2.00	\$696.00	\$140	\$48,720	\$0.64	\$222.72		\$0.00		\$0.00
32	45100200	CRACK FILLING	POUND	220.00	\$0.75	\$165.00	\$0.30	\$66.00	\$21.00	\$4,620.00		\$0.00		\$0.00



Client Name: City of Kankakee ESU
Project Name: ESU Parking Lot Improvements
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ITEM NUMBER	CONTRACTOR				UNIT OF MEASURE	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
33		60604000		COMBINATION CONCRETE CURB AND GUTTER, TYPE B-612 (DOWELLED)	FOOT	38.00	\$100.00	\$3,800.00	\$100.00	\$3,800.00	\$75.00	\$2,850.00		\$0.00		\$0.00
34		66400505		CHAIN LINK FENCE, 8'	FOOT	335.00	\$50.00	\$16,750.00	\$40.00	\$13,400.00	\$106.00	\$35,510.00		\$0.00		\$0.00
35		67100100		MOBILIZATION	L SUM	1.00	\$5,000.00	\$5,000.00	\$8,750.00	\$8,750.00	\$9,800.00	\$9,800.00		\$0.00		\$0.00
36		72000100		SIGN PANEL - TYPE 1	SQ FT	4.00	\$100.00	\$400.00	\$100.00	\$400.00	\$180.00	\$720.00		\$0.00		\$0.00
37		72800100		METAL POST, TYPE A	FOOT	40.00	\$25.00	\$1,000.00	\$15.00	\$600.00	\$15.00	\$600.00		\$0.00		\$0.00
38		78001000		PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SQ FT	5.00	\$40.00	\$200.00	\$10.00	\$50.00	\$12.00	\$60.00		\$0.00		\$0.00
39		78001100		PAINT PAVEMENT MARKING - LINE 4"	FOOT	1,030.00	\$0.50	\$515.00	\$1.00	\$1,030.00	\$0.75	\$772.50		\$0.00		\$0.00
40		78001800		PAINT PAVEMENT MARKING - LINE 24"	FOOT	12.00	\$4.00	\$48.00	\$10.00	\$120.00	\$4.00	\$48.00		\$0.00		\$0.00
41				PERENNIAL PLANTS, ORNAMENTAL TYPE, ALLIUM	UNIT	0.21	\$5,000.00	\$1,050.00	\$3,500.00	\$735.00	\$3,300.00	\$693.00		\$0.00		\$0.00
42				PERENNIAL PLANTS, ORNAMENTAL TYPE, CALAMINTHA	UNIT	0.04	\$5,000.00	\$200.00	\$3,500.00	\$140.00	\$3,125.00	\$125.00		\$0.00		\$0.00
43				PERENNIAL PLANTS, ORNAMENTAL TYPE, PANICUM	UNIT	0.12	\$5,000.00	\$600.00	\$3,500.00	\$420.00	\$3,000.00	\$360.00		\$0.00		\$0.00
44				PERENNIAL PLANTS, ORNAMENTAL TYPE, SPOROBOLUS	UNIT	0.13	\$5,000.00	\$650.00	\$3,500.00	\$455.00	\$3,000.00	\$390.00		\$0.00		\$0.00
45				HETEROLEPIS PRAIRIE DROPSEED, GALLON POT	CU YD	51.00	\$125.00	\$6,375.00	\$140.00	\$7,140.00	\$130.00	\$6,630.00		\$0.00		\$0.00
TOTAL BASE BID PRICE							\$189,955.00			\$142,925.70		\$177,930.07		\$0.00		\$0.00
ADDITIONS/DEDUCTS																

ALTERNATE BID 1

ITEM NUMBER	CONTRACTOR	UNIT OF MEASURE	QUANTITY	UNIT PRICE	TOTAL PRICE	Engineer's Estimate	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1		X0327487		SO YD	986.00	\$8.00	\$7,888.00	\$6.50	\$6,409.00	\$8.50	\$8,381.00		\$0.00		\$0.00	\$0.00
2		20200100		L SUM	(1.00)	\$5,310.00	(\$5,310.00)	\$16,500.00	(\$16,500.00)	\$4,000.00	\$4,000.00		\$0.00		\$0.00	\$0.00
3		20200100		L SUM	1.00	\$16,430.00	\$16,430.00	\$23,000.00	\$23,000.00	\$9,000.00	\$9,000.00		\$0.00		\$0.00	\$0.00
4		35101582		SO YD	(986.00)	\$10.00	(\$9,860.00)	\$8.50	(\$8,381.00)	\$5.00	(\$4,930.00)		\$0.00		\$0.00	\$0.00
5		35102200		SO YD	986.00	\$30.00	\$29,580.00	\$13.00	\$12,818.00	\$22.00	\$21,692.00		\$0.00		\$0.00	\$0.00
6		35800100		SO YD	(986.00)	\$8.00	(\$7,888.00)	\$1.75	(\$1,725.50)	\$4.50	(\$4,437.00)		\$0.00		\$0.00	\$0.00
TOTAL ALTERNATE BID 1 PRICE							\$30,840.00		\$15,620.50		\$24,720.00		\$0.00		\$0.00	\$0.00